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GOING  
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FOR SOME PEOPLE, THE OLDER  
THE SMARTPHONE, THE BETTER

SURVEILLANCE

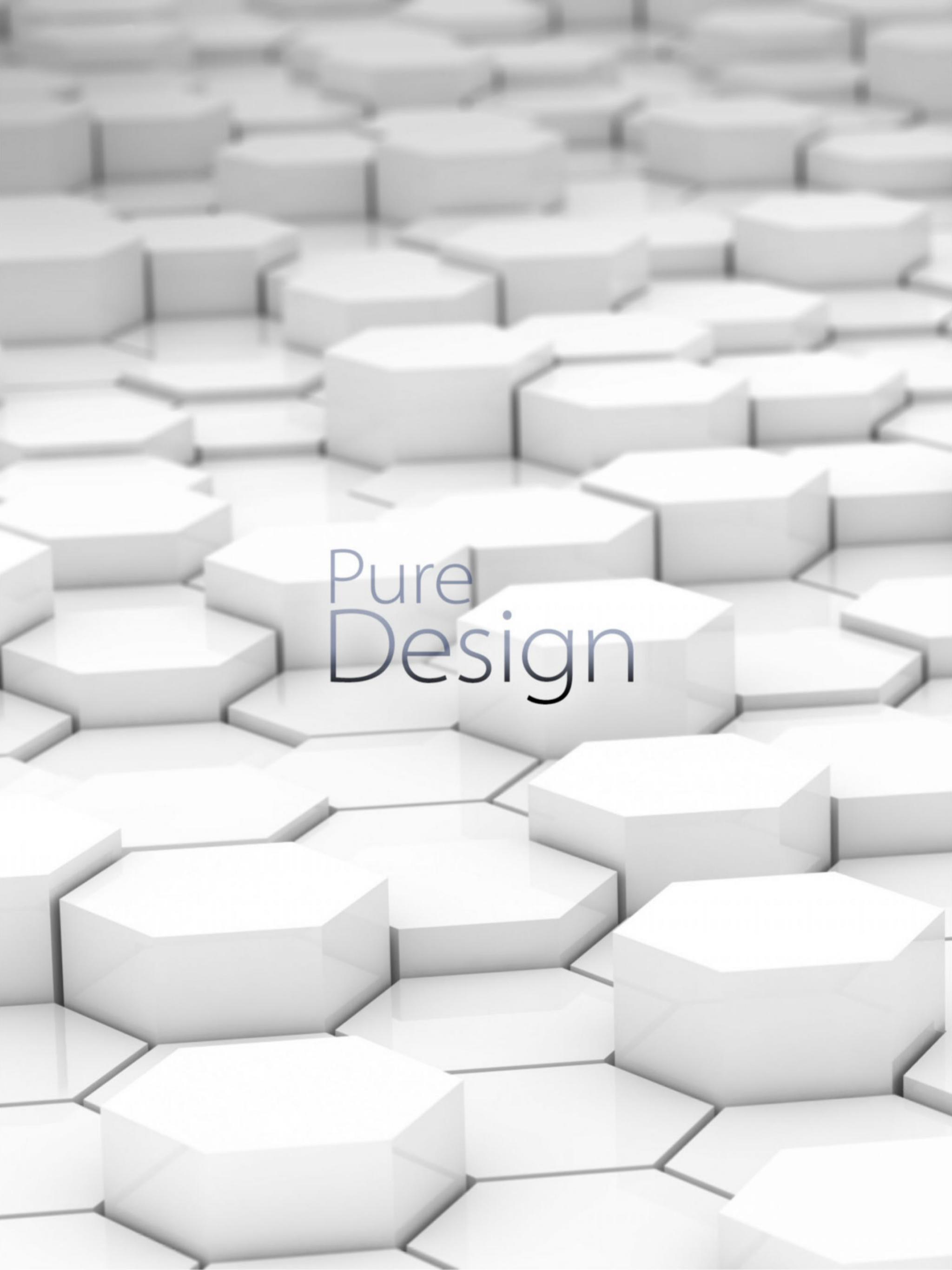
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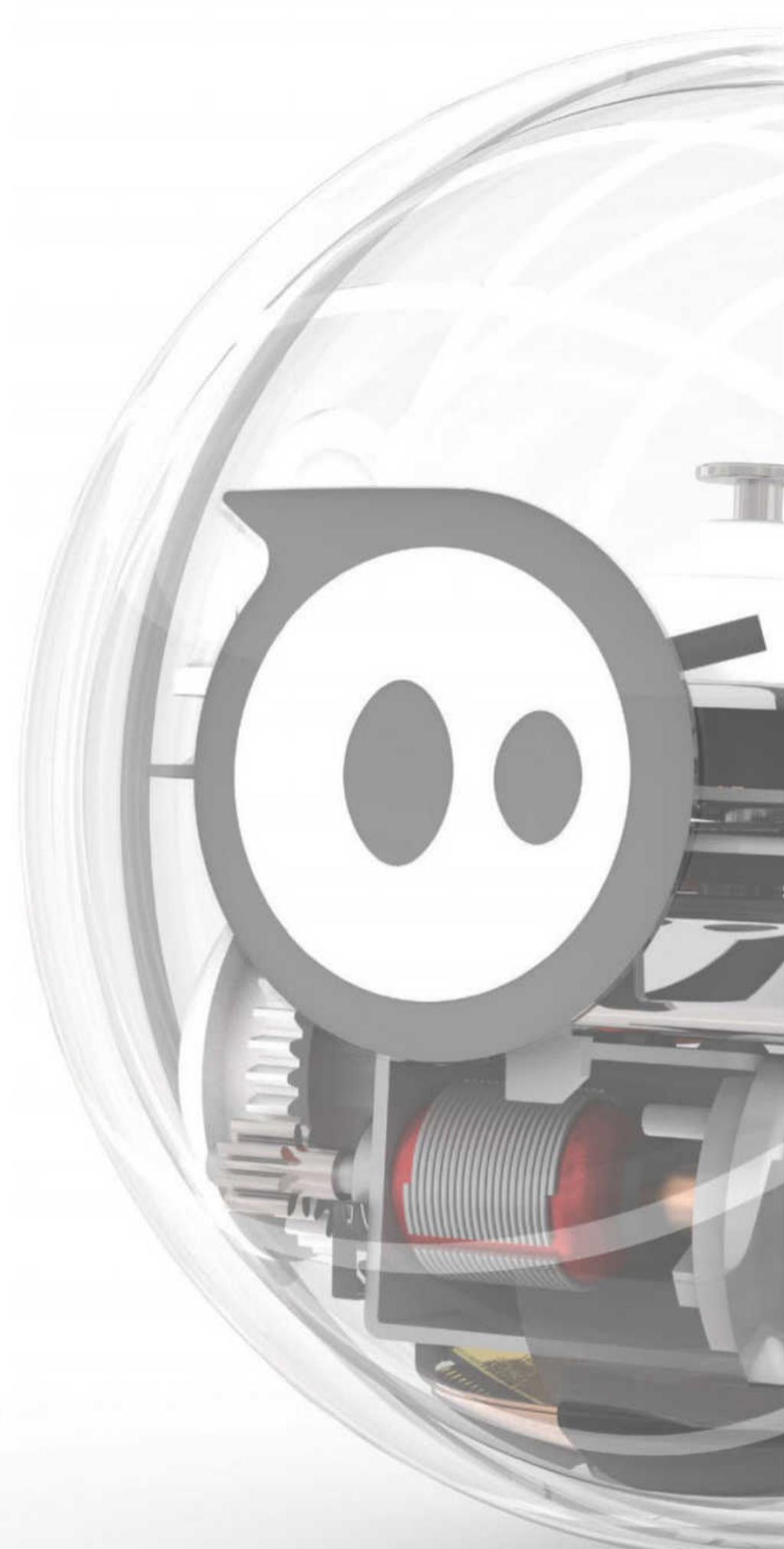


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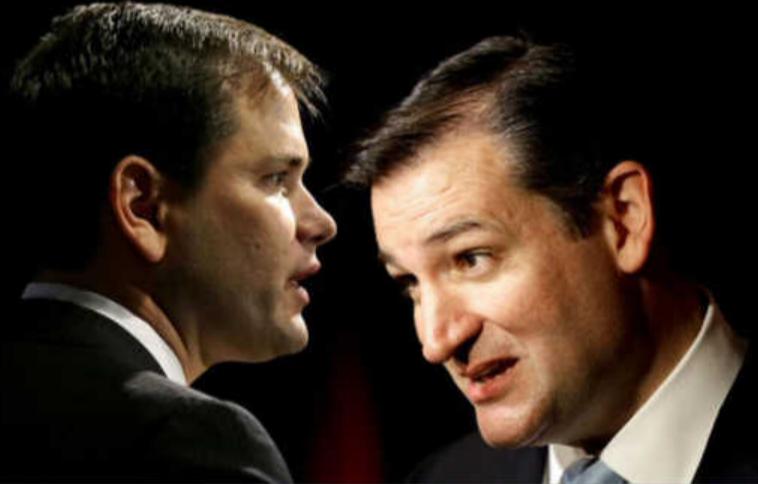
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# TENS OF BILLIONS PROMISED TO BOOST CLEAN ENERGY TECH

Government and business leaders are banking on clean energy technology to fight global warming, kicking off this week's high-stakes climate change negotiations by pledging tens of billions of dollars for research and development.

Microsoft founder and philanthropist Bill Gates, President Barack Obama and French President Francois Hollande will announce the new initiative on Monday, committing to spend tens of billions of dollars for a technological fix to the planet's climate woes, three current and former officials have told The Associated Press.

"It's quite a big deal," said Jennifer Morgan, global climate director for the World Resources Institute. "It brings a new kind of burst of energy into the conference right at the beginning on something very important."





The U.N. climate summit formally opened Sunday afternoon with a minute of silence for the victims of this month's Paris attacks and vows not to let terrorism derail efforts to slow or stop climate change.

The "ambitious" effort to develop clean energies initially involves eight countries - France, the U.S., India, South Korea, Saudi Arabia, Australia, Canada and Norway - according to a French official, who asked not to be named for lack of authorization to speak. These countries would pledge to double their spending on low or no-carbon energy, according to an early version of a document obtained by the AP.

President Barack Obama revealed no details Sunday as he traveled to the talks, but wrote on his Facebook page that "we'll work to mobilize support to help the most vulnerable countries expand clean energy and adapt to the effects of climate change we can no longer avoid."

The money would focus on research and development of technologies such as energy storage, which could make better use of clean power from wind and solar regardless of the vagaries of weather.





Led by Gates, about 20 private business leaders have signed on to the initiative, making their pledges conditional on governments also pledging more money, said a former U.S. government official who is familiar with the plan.

"They are committed to making increased investments in existing technologies and new breakthrough technologies to lower the cost of emissions reductions," the former U.S. government official said, adding that Gates is particularly concerned about alleviating the "energy poverty" that denies power to millions of people in India and elsewhere.

But a multinational research effort combining the investments of governments, corporations and private individuals could create intellectual property problems. It also remains to be seen how much of this money is new and how much will involve repackaging old promises.

"The Obama administration recognizes that this is a fundamental competitive advantage for the United States," the former U.S. official said, but getting such funds approved by a Republican-controlled Congress could be difficult.

Storing electricity is especially crucial for wind and solar power, which can be intermittent because of the weather. Improving batteries is key, and there have been breakthroughs both in technology and production announced this year, including by space and electric car tycoon Elon Musk, whose Gigafactory has begun producing large batteries for home power storage to make solar and wind power more viable.



Image: Carlos Barria



The conference center where more than 140 nations will be meeting for two weeks began to bustle Sunday as lower-level negotiators arrived, and U.N. climate chief Christiana Figueres expressed optimism about the outcome.

World leaders were expected to arrive on Monday, including Obama and the leaders of China, India and Russia, to discuss commitments to reducing ever-rising carbon dioxide emissions from the burning of fossil fuels.

Armed security was noticeable nearly everywhere at the Le Bourget center, and 200 to 300 people violated a national ban on protests under the state of emergency France declared when extremists killed 130 people in Paris.

About 100 protesters found to have projectiles or other suspicious objects were detained after some demonstrations turned violent, said the Paris police chief, Michel Cadot.

The climate activist group 350.org, which had organized some gatherings, distanced itself from the violence, and thousands of other people joined peaceful demonstrations in other European capitals on Sunday.

YAHOO'S CEO IS RUNNING OUT OF  
TIME TO TURN THINGS AROUND



Marissa Mayer's nearly four-year attempt to turn around Yahoo needs a turnaround itself, repeating a pattern of futility that has hobbled one of the Internet's best-known companies for the past decade.

Like her predecessors as Yahoo CEO, Mayer has been unable to snap the company out of a financial funk despite spending billions on acquisitions and new projects. Yahoo's stock has sunk by 35 percent so far this year as investors' frustration with the follies have mounted, spurring calls for her replacement.

"This is like an 'emperor has no clothes' situation," says Eric Jackson, a Yahoo shareholder and managing director of the New York hedge fund Ader Investment Management. "The company and the shareholders would be better served with her leaving."

Jackson, though perhaps Mayer's most outspoken critic, isn't alone.

After conferring with investors, SunTrust analyst Robert Peck recently wrote a letter to Yahoo's board recommending that the directors consider firing Mayer. Activist investor Jeffrey Smith of hedge fund Starboard Value is urging Mayer to abandon a spin-off of the Yahoo's most valuable asset - a \$30 billion stake in Chinese e-commerce giant Alibaba Group - and sell the company's Internet business instead.

If Mayer continues down her current course, Smith is threatening to lead a shareholder mutiny aimed at overthrowing Yahoo's board next year - a rebellion that, if successful, could lead to her ouster.



Yahoo's own employees seem dispirited as well. Mayer's approval rating among those who posted on the employer-review website Glassdoor.com has fallen to 73 percent from 99 percent after her July 2012 hiring.

At least a dozen members of Yahoo's management team have left in the past year. The departures have included two of Mayer's top lieutenants, former marketing and media chief Kathy Savitt and former development and acquisitions chief Jacqueline Reses.

Yahoo Inc. declined to comment for this article.

Mayer has repeatedly expressed confidence that Yahoo is heading in the right direction, most recently during her October review of the company's disappointing quarterly performance. "I have very aggressive expectations for Yahoo's core business," she said. "We have the right talent, the right strategy, and the right assets to drive long-term sustainable growth for our investors."

Yahoo's revenue fell 8 percent from the previous year after subtracting the company's advertising commissions, its steepest decline since Mayer became CEO. It's likely to fare even worse in the October-December quarter, given that that company expects net revenue to drop by about 20 percent.





Image: Simon Dawson

Now Mayer is drawing up plans for another major shake-up, one likely to eliminate hundreds of jobs as Yahoo sharpens its focus on "fewer products with higher quality," as she said in October. Mayer promised more details in January.

It wasn't supposed to get this bleak with Mayer at the helm. She came to Yahoo as a widely respected technology executive who had helped build Google into the Internet's most powerful company while repeatedly outmaneuvering Yahoo with products that attracted more traffic and advertising.

Mayer's arrival was supposed to herald a promising new era after the disheartening downfalls of the four CEOs that preceded her. Those executives - Terry Semel, Jerry Yang, Carol Bartz and Scott Thompson - either resigned or were dumped when it became apparent that they couldn't revive the growth that made Yahoo one of the Internet's biggest successes during the dot-com boom of the 1990s.

Things started well. Mayer bought dozens of startups to bring in more engineering expertise in mobile devices and overhauled Yahoo's apps for weather, sports, Flickr and email. She made big splashes by hiring former NBC News anchor Katie Couric to handle online video reports and acquired the trendy blogging service Tumblr for \$1.1 billion.





The moves haven't really paid off, although Mayer continues to boast about Yahoo's progress in the important mobile and video markets. None of Yahoo's services rank among the top 50 free apps in Apple's store, and the company's expansion into original video programming resulted in a \$42 million charge to account for the duds.

Investors are still awaiting proof that that Tumblr or any other of Mayer's acquisitions will be worth what Yahoo paid.

"Across all dimensions, her efforts haven't delivered the results that people might have expected," says S&P Capital IQ analyst Scott Kessler.

At one point in Mayer's tenure, Yahoo's stock had more than tripled from where it stood when she took over. The gains, though, were almost entirely tied to Yahoo's large stake in Alibaba, which it acquired in a \$1 billion deal negotiated a decade ago. That holding - in retrospect, Yahoo's best investment ever - soared in value as Alibaba's e-commerce bazaar boomed, prompting investors to snap up Yahoo shares in order to profit while Alibaba was still privately held.

When Alibaba went public last year, Yahoo sold a portion of its holdings and then announced plans to spin off its remaining \$30 billion stake into a new holding company to avoid paying taxes on future gains. Now that strategy, too, is under a cloud; the Internal Revenue Service has declined say that the spin-off will qualify for the expected tax exemption.

Mayer plans to complete the spin-off by January anyway. Starboard's Smith thinks she has that exactly backward; he wants Yahoo to retain the Alibaba stake and sell its websites, mobile applications and advertising services. It's unclear who would buy them, given their malaise.

Kessler likens Mayer's plight to a star quarterback who signs with a National Football League franchise that's in the doldrums. "When the quarterback starts out, people get very excited about the potential and opportunities," he says. "But when the performance on the field turns out to be less than stellar, people are understandably going to blame the quarterback that came in with so much fanfare."





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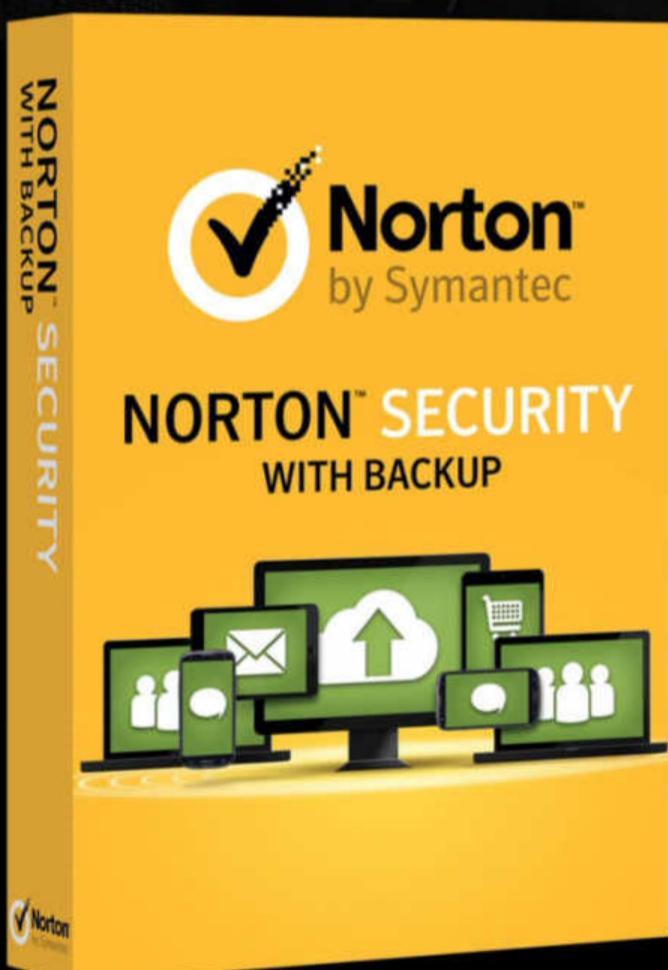
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# FOR SOME PEOPLE, THE OLDER THE SMARTPHONE, THE BETTER

Between splashy launches, lavish new-phone offers (get a free HDTV on activation!) and frequent software updates that slow down your old handset, it sometimes feels like the entire technology industry is pushing you to buy the latest smartphone. Yet some holdouts resist.

Take Zak Sommerfield, 35, a software analyst in New York, who has hung onto his LG Delight flip phone for five years, even though his friends and co-workers make fun of it. "I hate smartphones, I hate how they take over people's lives and they spend all their time looking at them," he says. "I'd love to stay on this phone forever."

People like Sommerfield are a rarity. More than 90 percent of smartphone users trade up for newer models within two years, says Ramon Llamas, who tracks mobile phones at research firm IDC. But a fraction of the population continues to cling to older phones, some 3 to 4 years old - or more.

These upgrade holdouts have different reasons for standing athwart techno-progress, yelling "Stop!" Some reject the trend toward ever-larger screens, preferring smaller phones that are harder to find these days. Others simply aren't wowed by the latest features, or see no reason to spend hundreds of dollars when their current phones still work fine.

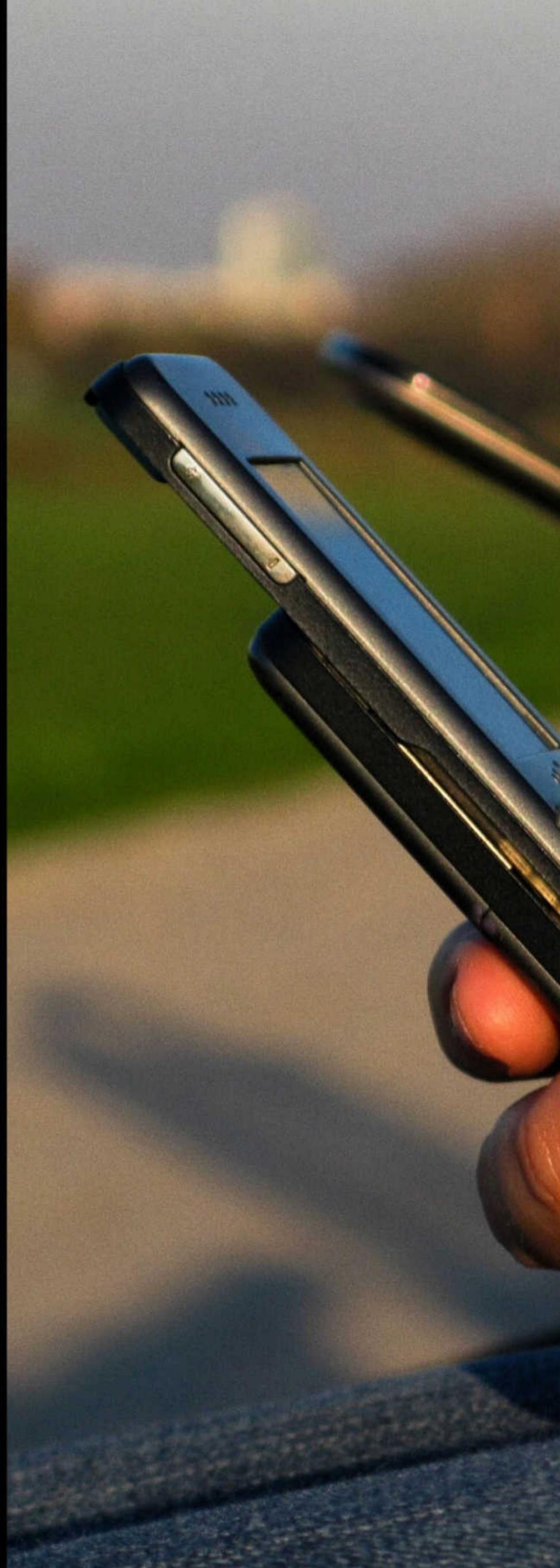
"Just as we saw with PCs and tablets, lifetimes on people's devices are generally getting a bit longer," says Bob O'Donnell, chief analyst at Technalysis Research.

Every customer counts these days. Overall smartphone sales are slowing down - particularly in industrialized markets such as the U.S., where most people who want a smartphone already have one. IDC forecasts a 10 percent increase in worldwide smartphone sales this year, but that's slowed considerably from 27 percent growth in 2014.

Some manufacturers have turned to emerging markets for new sales, but many customers there can afford only cheaper - and less profitable - devices. To keep making money on premium phones, Apple, Samsung and their rivals are counting on regular upgrades.

With its latest iPhones, Apple started an annual upgrade program that leases customers the latest models for a year. Upgrades are particularly important for Apple because iPhones account for more than half of its revenue.

Sprint and T-Mobile also have leasing options aimed at yearly iPhone upgrades, but Apple's new leasing option has put even more pressure on carriers. They depend on regular upgrades to keep existing customers and sell them more









services, such as bigger data plans or cloud services and storage. Since a customer upgrades only once every two or three years, it's an "important moment to capitalize on" for carriers, says FBR analyst Daniel Ives.

To encourage upgrades, manufacturers have been packing new phones with cutting-edge hardware. The latest iPhones have better cameras and screen sensors to enable shortcuts and other menus with a hard press. Samsung won critical acclaim for curved screens that spill over a phone's edges like a glassy waterfall.

Phones also get new system software every year, and many apps require the latest updates. Although many older phones can get the latest versions of Google's Android or Apple's iOS software, the updates can slow them down, and the phones sometimes don't support all the new features.

Not surprisingly, Sprint CEO Marcelo Claure argues that having the latest model is important to many people. Phones are "the most valued personal possession that we have," Claure said in an interview. "We use our phone to capture the memories of our lives."

But O'Donnell of Technalysis says smartphone technology is "hitting the top of a curve." As a result, each new model brings tweaks and refinements rather than new must-have features.

"I think it's a little ridiculous to give up a perfectly good phone for a new one that is only slightly different," says Kelsey Scott, 25, from Hutchinson, Kansas, who has an iPhone 5S from 2013 and doesn't plan to upgrade.

And while many people upgraded last year when Apple made larger-size iPhones for the first time, matching what Samsung has long had, others prefer smaller phones. Apple still sells the 4-inch iPhone 5S, but the technology is two years old. The latest, fastest iPhones measure 4.7 inches and 5.5 inches diagonally.

Nathan Jarus, 24, says he's been keeping his eyes open for inexpensive phones with 4-inch screens, but complains that "almost nobody seems to be making them." The computer science PhD candidate from outside Rolla, Missouri, still uses Google's discontinued 3.7-inch Nexus One phone from 2010.

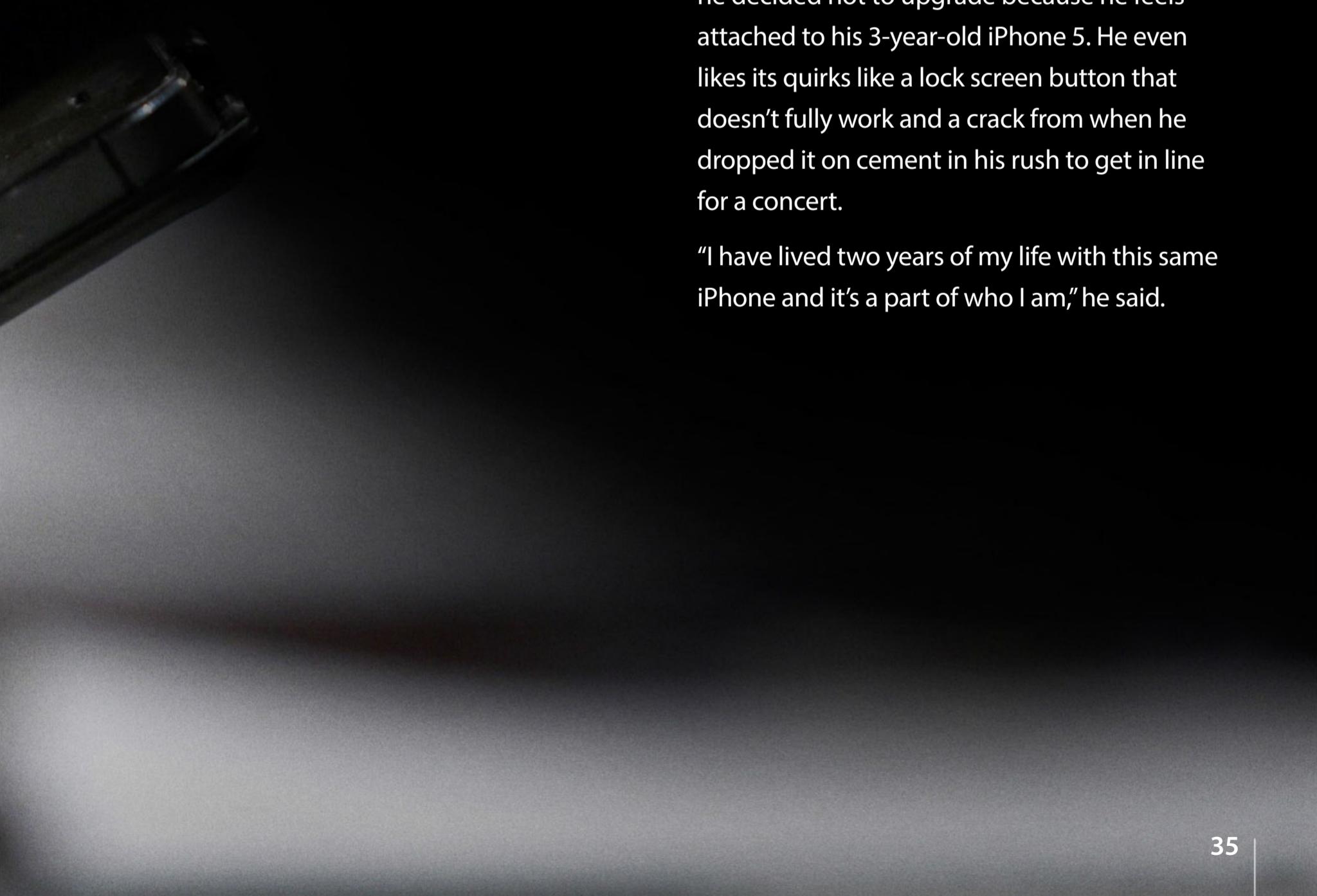
Brett Shoemaker, 22, from Hattiesburg, Mississippi, a regular upgrader since the original iPhone debuted in 2007 - but stopped in his tracks with the 4-inch iPhone 5 in 2012.

Manufacturers are "forcing users into larger screen sizes for the latest and greatest technology" he says. "I'm contemplating not upgrading ever." Or even switching to a BlackBerry, he adds, only half-joking.

High-end phones start at a \$200, a subsidized price that requires a two-year service contract. More recently, though, wireless companies have been pushing people to pay full retail price - often around \$650 - via monthly installment plans. Although such deals also offer discounts on voice, text and data service, many people just see that they are paying more for the phone.







John O'Neill, 49, a tax analyst in Dallas, says he won't upgrade from his iPhone 4, which he has had for nearly 5 years - mostly because he doesn't want to lose his \$30 unlimited data plan with Verizon. "I've looked around and nothing comes close," he said.

For Mary Reichard, 52, legal affairs reporter in Springfield, Missouri, the money and fear of the unknown that keeps her from upgrading from her iPhone 4s she has had for two years.

"I long for the old days of one land line and tiny monthly bills," she said. She also fears she might lose data if she upgrades. "I'm a baby boomer, so technology is still kind of scary."

And some just feel too attached to their current smartphone to give it up. William Hurst, a 22-year-old student in Portland, Oregon, said he decided not to upgrade because he feels attached to his 3-year-old iPhone 5. He even likes its quirks like a lock screen button that doesn't fully work and a crack from when he dropped it on cement in his rush to get in line for a concert.

"I have lived two years of my life with this same iPhone and it's a part of who I am," he said.



# INFO ON 5 MILLION VTECH CUSTOMERS AND KIDS EXPOSED IN BREACH





Kid's technology maker VTech says the personal information of about 5 million of its customers and their children may have been stolen by hackers.

The Hong Kong-based company disclosed the breach of a customer database late last week, but didn't say how many people could be affected until Monday.

The affected database includes the names, birthdates and genders of child users.

It also includes adult user information including names, email addresses, passwords, secret questions and answers for password retrieval, IP addresses, mailing addresses and download histories.

The database doesn't contain any credit card numbers.

The company says it's contacted all of the affected users by email and has temporarily suspended some of its websites as a precaution.

VTech makes a variety of popular tech-related toys including tablets and smartwatches.

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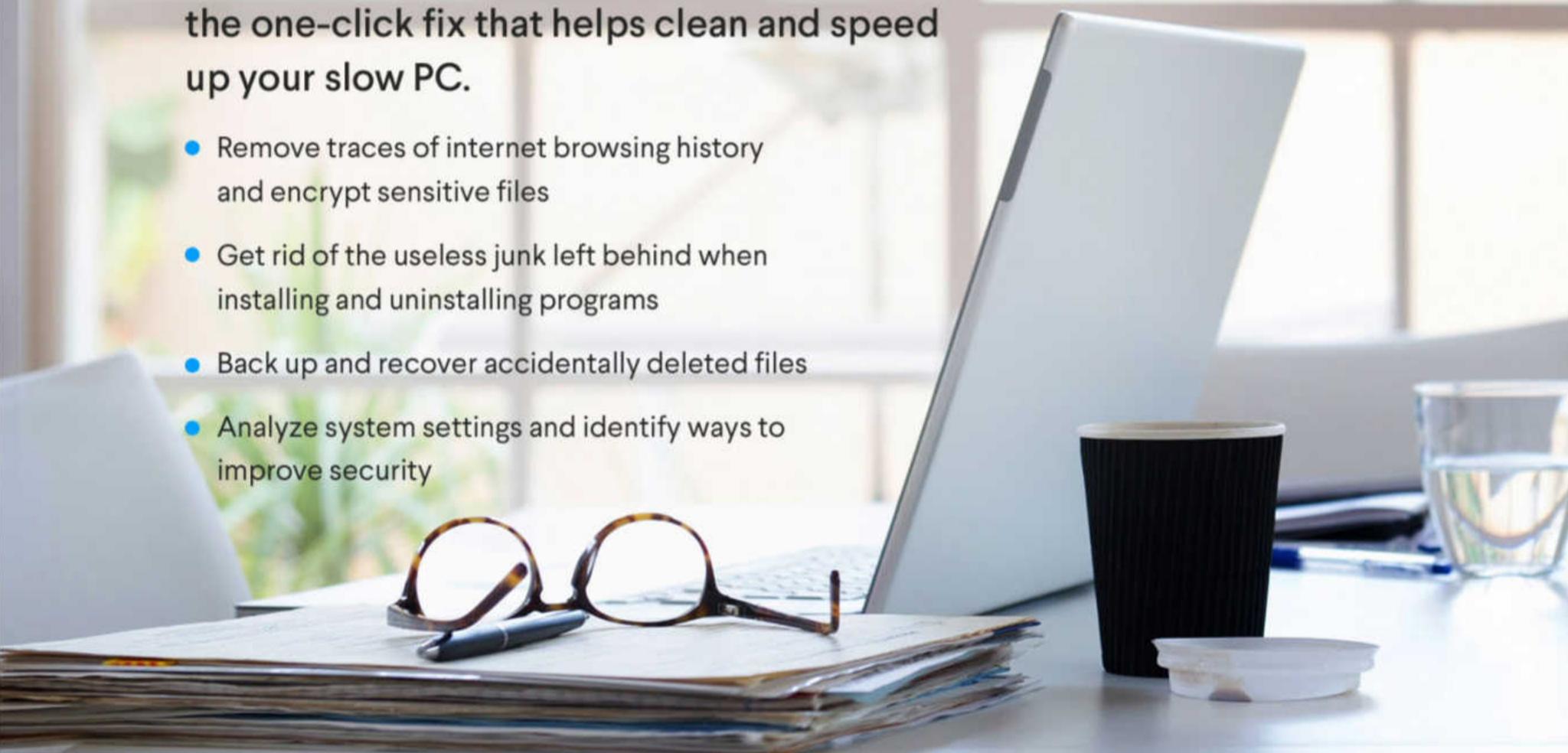
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# NBR NAMES 'MAD MAX: FURY ROAD' BEST FILM OF THE YEAR

The National Board of Review threw a fireball into Hollywood's awards season, naming the rollicking apocalyptic adventure "Mad Max: Fury Road" the best film of 2015.

George Miller's latest installment in the 1979-born action franchise is an unconventional pick from the National Board of Review, one of the oldest awards bodies in movies. But the group, founded in 1909, has recently tried to shed its stodgy image, previously giving J.C. Chandor's "A Most Violent Year" (in 2014) and Spike Jonze's "Her" (in 2013) its top honor.

In the awards announced Tuesday, the science-fiction hit "The Martian" came away with the most wins, taking best actor for Matt Damon, best director for Ridley Scott and best adapted screenplay for Drew Goddard. In the early going of awards season, "The Martian" is seen as the popular, big-budget contender likely to compete at the Academy Awards.





The National Board of Review, a collection of film enthusiasts and academics, eschewed several of the top independent contenders, like the journalism drama "Spotlight" (the big winner at Monday night's Gotham Independent Film Awards) and the 1950s romance "Carol."

Instead, the NBRs gave Quentin Tarantino's upcoming Western, "The Hateful Eight," awards for Tarantino's screenplay and Jennifer Jason Leigh's supporting actress performance. Sylvester Stallone was named best supporting actor for "Creed," the acclaimed reboot of Stallone's "Rocky" franchise.

Brie Larson won best actress for her performance as a captive mother in "Room." The group also singled out Larson's young co-star, Jacob Tremblay, for breakthrough performance, an award he shares with another young actor, Abraham Attah, the child soldier of the Netflix release "Beasts of No Nation."

The National Board of Review is known for spreading its awards around as much as possible, attracting a roomful of celebrities to its annual dinner in midtown New York. This year's ceremony will be hosted by NBC's Willie Geist on Jan. 5.

An award for best ensemble to Adam McKay's "The Big Short" - featuring Ryan Gosling, Steve Carell and Brad Pitt - will surely add star power to the gala.

The group awarded best documentary to the Amy Winehouse film "Amy"; best animated film to Pixar's "Inside Out"; and best foreign language film to the Holocaust drama "Son of Saul." The Mexican drug war thriller "Sicario" was singled out for the "spotlight award" for its "collaborative vision."





# Apple Pay:

A Payment Service  
in International  
Expansion

A Useful and Intuitive Mobile  
Payments Service



Done





If you've bought a new iPhone, iPad or Apple Watch within the last year, you have likely learned about Apple Pay. In fact, you have probably even used it; this mobile payment system is, after all, very easy to get started with, a security code **the only extra that is necessary to set up an iTunes-registered payment card with the service**. But what exactly is Apple Pay? How wide has been its rate of adoption? And could it turn out to be yet another rich source of revenue for the company that made it?

## AN APPLE PAY KEEPS MONEY HEADACHES AWAY

Imagine if, every time you bought some food, clothes or other items at a bricks and mortar retail outlet, instead of having to fumble around for loose change in your pocket or spend time entering in a number code to use your payment card, you instead simply paid by holding up, and then pressing or tapping, your mobile Apple device. That's the general gist of Apple Pay, which is intended to streamline routine payment procedures through extending an Apple ecosystem you are already part of.

There is, however, more to Apple Pay than this. You can, for example, also speed up online shopping payments through using the service - wherever this option has been integrated by developers - within e-commerce apps. And the service is compatible with a large variety of recently-launched iPhone, iPad and Apple Watch models. There also remains, however, huge untapped potential for Apple Pay - and, therefore, for its impact on Apple's financial results.

## HOW APPLE PAY IS ENHANCING THE ATTRACTION OF APPLE'S ECOSYSTEM

Though still very much in its infancy, especially given that the United States and the United Kingdom remain the only countries in which it can be widely used, there are promising signs that many people who have familiarized themselves with Apple Pay are making their use of the service a habit. In October, a survey by the banking consultancy Mercator Advisory Group revealed that **80% of US-based Apple Pay customers were using the service at least once weekly** for making purchases.

This should certainly be heartening for Apple, as it lends further credibility to the notion that Apple Pay could soon form a major part of the company's ecosystem. Business Insider's Dave Smith has opined that "**Apple's most important services are the ones that keep you in its ecosystem, and Apple Pay might be the ultimate example of that concept.**" He pointed out that Londoners' reliance on the service for easing commuting, for example, should encourage their loyalty to Apple while boosting the appeal of Apple devices even to people who have never previously used any.

## APPLE PAY COULD ALSO BRING GOOD FINANCIAL RETURN FOR APPLE

Nonetheless, it remains unclear exactly when Apple Pay will start making a noticeable difference to Apple's bottom line. At the corporation's most recent earnings call in late October, CEO Tim Cook revealed that **Apple Pay transactions had seen monthly double-digit growth** - but precise figures for revenue





from the service were not broken out, instead being obscured in a broad services category also accounting for revenue from Internet Services and AppleCare.

It does seem likely that Apple Pay's adoption will be largely driven by that of mobile payments technology as a whole. Apple Pay Vice President Jennifer Bailey even seemed to acknowledge this when expressing her company's belief that "**the UK can be our leading market for Apple Pay, given the unique characteristics (of the market)**", where contactless payment technology was already widespread. By contrast, that Apple Pay in Canada and Australia is currently limited to American Express customers suggests much more limited revenue from the service in those countries for now.

## CHINA: A "SLEEPING LION" FOR APPLE, TOO

Following the launches in the US last year, the UK in July and Canada and Australia in November, China appears to be the next country in line for Apple Pay. The Wall Street Journal has reported, citing sources familiar with Apple's plans, that **the company is on course to launch the service in the world's most populous country** - and, especially vitally, Apple's second largest market - by February, having clinched deals with the country's four major state-owned banks.

Apple will undoubtedly have tough competition in China, not least from Alibaba, the current kingpin of the East Asian country's mobile payments market. But Alibaba also has



reason to fear Apple; the Cupertino company **topped China's smartphone market in September with the launch of the iPhone 6S and iPhone 6S Plus**, according to statistics sourced by Counterpoint Research. That company's Research Director, Tom Kang, has observed that Apple "is becoming an embedded brand in China, standing for luxury and high quality"; this hints at a considerable untapped market for Apple Pay.

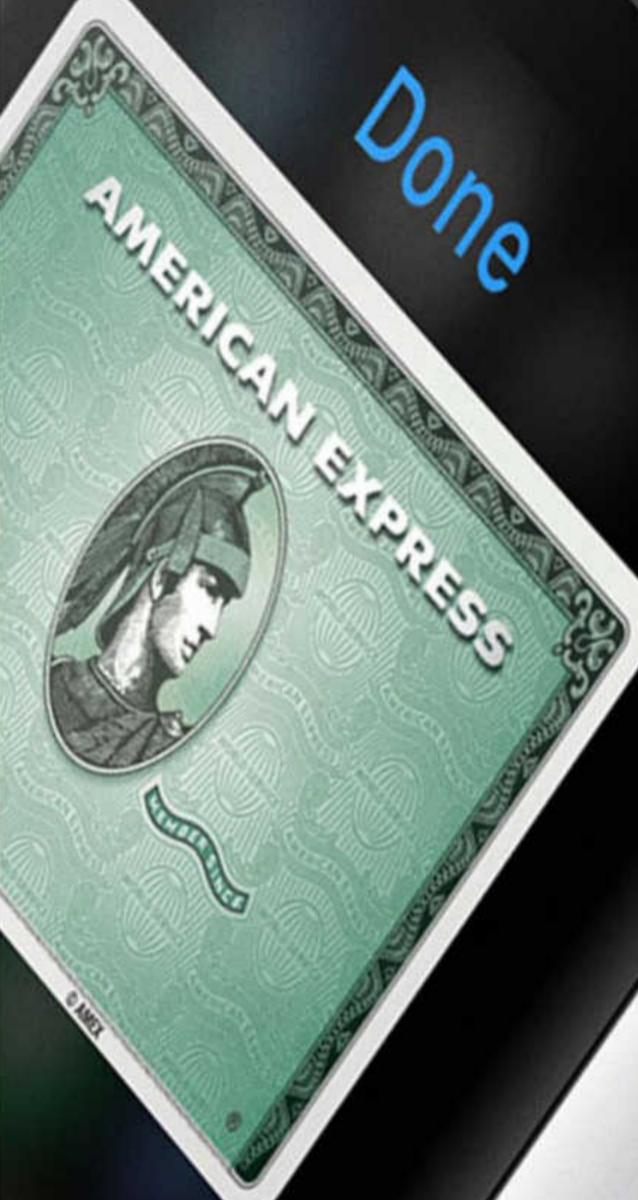
## PAYPAL: AN ALLY OR RIVAL OF APPLE?

Apple Pay also looks likely to be expanded in not just its international availability, but also its features. Particular attention has been drawn to another report from The Wall Street Journal that Apple **is moving ahead with a person-to-person mobile payments service**, which could see Apple Pay used to send cash between friends and family. It could be the next step in furthering a whole new era in digital money - and, in doing this, Apple could have a surprising ally...

Despite suggestions that a person-to-person service from Apple would rival PayPal's similarly-purposed Venmo, PayPal also seems set to, as TechRadar observes, **smooth the widening of Apple Pay take up among many businesses** with its release of the second version of PayPal Here. This is a card reader capable of vesting small and seasonal businesses with NFC support for contactless payments. The reader's affordable, thanks to the absence of monthly fees, and vitally includes support for Apple Pay.



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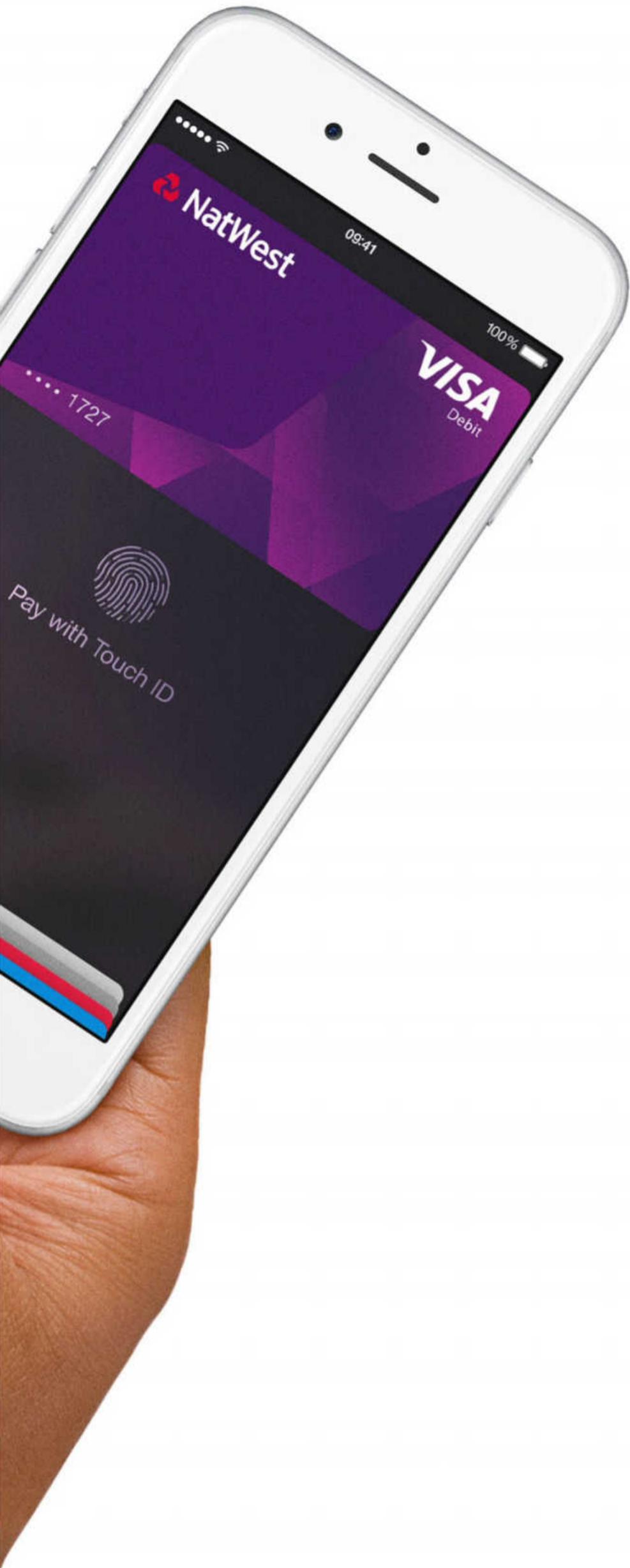






Pay





## SO, GENUINELY HOW SECURE IS APPLE PAY?

Upon the initial announcement of Apple Pay back in September 2014, Eddy Cue, Apple's Senior Vice President of Internet Software and Services, **declared security to be "at the core of Apple Pay"**, pointing out that neither cashiers nor Apple would have access to such sensitive details as credit card numbers or security codes when purchases are made with Apple Pay. He added that, even if an iPhone with Apple Pay setted up is lost, payments from that device could be speedily suspended through Find My iPhone.

Apple's claims of stringent security are bold, but do seem to stand up to scrutiny. The UK website Macworld observes that Apple encrypts the entire process of adding new cards to Apple Pay, while authenticating payments through an iOS device's Touch ID fingerprint sensor is secure as **there is only about a one-in-64,000,000 chance of meeting someone else with an identical fingerprint**. And that's before consideration is put to the chances of that person getting hold of the other's iOS device.

## SPEED AND EASE OF USE ARE FURTHER PLUS POINTS

Apple Pay is wonderfully fast to use, too; an iPhone doesn't even have to be woken before it can be scanned by an NFC terminal for payment. However, there's still the necessity of removing the phone from a pocket to make a purchase, which doesn't apply when using the same service on the Apple Watch. In August, the research firm Wristly found that **79% of over**

**1,000 surveyed Apple Watch users in the US and UK favored using Apple Pay on the wearable rather than on an iPhone.**

Incidentally, our own boss, AppleMagazine CEO Ivan Castilho, concurs with these sentiments, having been amazed by the fast and easy experience of making payments through Apple Pay on the Apple Watch. He has since adopted it as his primary method of payment in a range of scenarios - and, as many more people pick up new iPhone, iPad and Apple Watch models, the incentives for them to also start using Apple Pay regularly should continue stacking up. ■

by Benjamin Kerry & Gavin Lenaghan





# CYBER MONDAY SALES STILL ON TOP, BUT LOSING SOME LUSTER

Retailers are rolling out online deals on so-called "Cyber Monday." But now that shoppers are online all the time anyway, the 10-year-old shopping holiday is losing some of its luster.

Still, Monday is expected to be the biggest online shopping day ever, with estimates that it will rack up over \$3 billion in sales. There were some outages, including Target's site briefly midmorning. An alert said high traffic was causing delays.

"It's no longer about one day, but a season of digital deals," said Matthew Shay, president of retail trade group The National Retail Federation.

Online shopping is taking its toll on brick-and-mortar shopping. Frenzied crowds seemed to be a thing of the past on Black Friday - the busy shopping day after Thanksgiving - and sales fell to \$10.4 billion this year, down from \$11.6 billion in 2014, according to preliminary figures from research firm ShopperTrak.

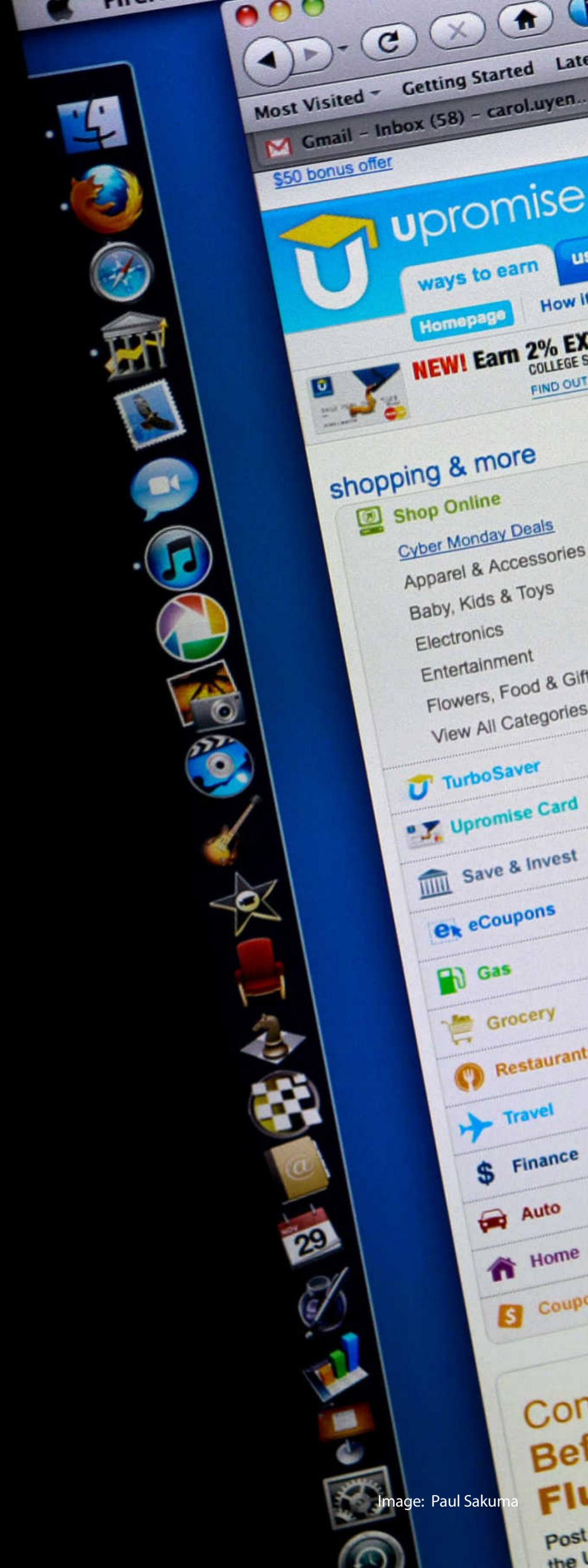


Image: Paul Sakuma

upromise.com

Facebook | Welcome... Cyber Monday Deals at Amazon

Upromise Home Saving, Planning, & Paying

Welcome, Carol! My Account | Help | Share

How Upromise Works | Tell a Friend

use your earnings | save & invest | college planning | community | coupons & deals | shop now

Upromise Credit Card | Online Shopping | Restaurants | Travel | Grocery | Maximize your earnings | view all stores & services

TRA  
AVINGS  
HOW?

works

Search for a product or store

Popular Searches: ebay, the north face, lego, iPad, wii, daily double

# CYBER MONDAY DEALS!

Cyber Monday • (Si-bur Mun-deh)  
The Monday after Thanksgiving.  
A day to get great online deals and  
considerable Upromise savings.

Shop Now »

Cyber Monday Deals

Buy Online, Pick Up In-store

Find great Cyber Monday deals including:

Store Name	%	Special Offer	11/29/10 04:00 AM EST
The Limited	2%	Cyber Monday - 40% off site-wide plus Free Shipping on any order.	11/29/10 11:59 PM EST
Sports Authority	4%	Cyber Monday Sale! 20% off any order.	11/30/10 02:59 AM EST
hotels.com	4%	Save 50% with hotels.com and get a Free Flip while supplies last this Black Friday - Cyber Monday! Use Coupon Code: 4DAY	

A 529 plan: invest in your  
future college student.

- Tax-advantaged investing
- Flexible investment options
- Affordable contribution  
minimums

Get Started »

near you

# CYBER MONDAY IS HERE!

Featured Stores

HOLIDAY GIFTS  
SAVE UP TO 45% OFF  
SHOP NOW > BARNES & NOBLE

Was 3%, now 5% thru  
11/30  
Barnes & Noble.com

oriental trading  
FREE

28 HOUR CYBER  
extra 5-15% off  
free shipping  
with code  
CYBER Sears  
Was 2%, now 3% thru  
12/31  
Sears.com

50%  
OFF  
EVERYTHING  
EXCLUDING  
SHIPPING  
Shop Now > New York & Company  
Save 3% for college  
New York and Company

\$15 Off  
any \$75 purchase!  
USE CODE HOLIDAYS

DELL  
Introducing  
the new Dell XPS

Confused?  
Fuddled?  
Bummoxed?  
your question in  
Upromise Community!

65

But as online shopping grows more popular on Thanksgiving and Black Friday, that's causing less of a frenzy on Cyber Monday, too.

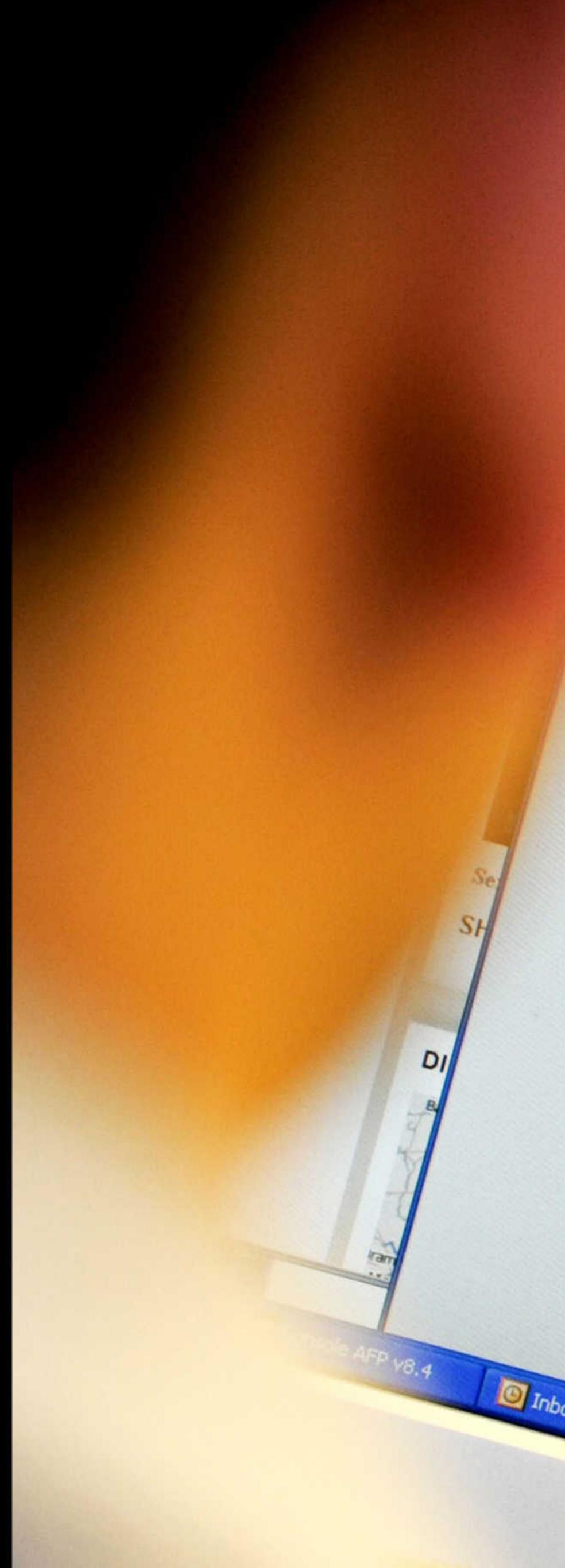
"Consumers are recognizing the Internet is the place to go for a deal any time, any day," said Gene Alvarez, managing vice president of research firm Gartner.

Retailers have been touting online deals since the beginning of November. And they no longer wait for Monday to roll out Cyber Monday deals, either. Amazon started "Lighting Deals" on Saturday and Wal-Mart beginning all of its Cyber offers on 8 p.m. on Sunday.

Amazon was offering 65 percent off sweaters, Target was touting 15 percent off its whole site for the first time and Wal-Mart offered \$500 off a \$1200 LG 65-inch 4K Ultra HDTV.

"I personally skip Black Friday just to shop Cyber Monday," said Mark Flores, a parks and recreation director from Lynwood, California. But this year, he started online shopping on Black Friday, buying five pairs of Sorel and Uggs shoes for gifts and eight Chromecasts that were two for \$50 instead of \$35 off. As of midmorning on Monday he was not impressed by deals he was seeing. "Nothing standing out so far," he said.

Research firm Comscore expects online sales to rise 14 percent to \$70.06 billion During the November and December shopping period, slowing slightly from last year's 15 percent rise. Online sales make up 10 percent of overall retail sales, but that increases to 15 percent during the holidays as online shoppers snap up Black Friday and Cyber Monday deals, according to research firm Forrester.



The biggest  
online  
shopping  
event of  
the year  
is here.

# CYBER MONDAY

LIMITED TIME OFFERS WHILE SUPPLIES LAST



Diamond Hoop Earrings  
(0.34 ctw)  
14kt White Gold  
\$799.99 Delivered  
After \$200 OFF



Top Selling Computers  
Up To \$250 OFF



JBL® On Air Wireless  
Speaker System  
For iPod® or iPhone®  
\$199.99 Delivered  
After \$100 OFF



Kicker® iKick501  
Docking System  
for iPhone® or iPod®



Two-For-One  
Exclusive Travel  
Gift Basket Set



Snap-on® Flashlight  
and Knife Combo  
Tin Gift Box

Dilettante®  
Chocolate Indi  
Holiday Gift To  
\$59.99 Delivere  
After \$10 OFF



Cyber Monday itself is expected to be the biggest online sales day of the season and ever, surpassing \$3 billion in sales. As of 10 a.m. E.T. on Monday, Adobe, which tracks 200 million visitors to 4,500 retail websites, said \$490 million had been spent online, 14 percent higher than a year ago, putting sales on track to hit \$3 billion.

If sales continue on trend, it will be the sixth year in a row that Cyber Monday is the biggest online shopping day ever.

But Thanksgiving and Black Friday are gaining fast. About \$4.47 billion were spent online on Thanksgiving Day and Black Friday combined, 18 percent more than last year, according to Adobe. And 33.2 percent came from mobile devices, up from 27 percent last year.

Amazon is offering new deals every 5 minutes starting Friday, Nov. 20, and extending through Dec. 5 double the cadence of last year. It also is offering more than 150 app-only lightning deals to encourage mobile shopping.

Wal-Mart started offering all of its 2,000 Cyber Monday deals - quadruple the 500 online deals it offered last year - starting 8 p.m. on Sunday the evening before. A year ago, the nation's largest retailer only offered a sneak peak of about 20 deals on the evening before Cyber Monday.

And Target is offering 15 percent off its entire site on Cyber Monday, its first ever site-wide discount on the shopping day.

Forrester Research analyst Sucharita Mulpuru said even though more people are shopping online and on their phones throughout the season, Cyber Monday will still drive sales from its name alone.



Image: Jamie Grill



"A lot of people waiting to see if deals are better on Cyber Monday," she said.

The name "Cyber Monday" was coined in 2005 by the National Retail Federation's online arm, called Shop.org, to encourage people to shop online. The name was also a nod to online shopping being done at work where faster connections made it easier to browse. Now, even with broadband access, Cyber Monday continues to be a day when retailers pull out big promotions.

Diane Boral, 33, from Oxnard, California, scoured sites for deals ranging from 20 percent to 75 percent off and ended up buying toys, games and clothes at Kohl's site, which offered free shipping and 20 percent off.

"I compared the items to prices at Macy's and Toys R Us, and Kohl's had a lower total price," she said.

Most of her shopping is done online via her iPhone and laptop, she said.

"I have more time to browse for items," online, she said.





# APPLE MUSIC ADDS STREAMING FOR WIRELESS SONOS SPEAKERS



Apple is adding a missing element to its streaming music service by making it possible for home listeners to send tunes from Apple Music to WiFi-enabled speakers made by Sonos.

The two companies say Apple Music subscribers who own Sonos sound systems will be able to play a “beta” version of Apple Music through the Sonos app starting Dec. 15. A final version will be released early next year.

People who own the popular Sonos systems can already stream music from competing free and paid services, including Pandora, Spotify and Google Play. Until recently, they could also stream from Beats Music, which Apple acquired and is shutting down. But subscription-based Apple Music wasn't available for Sonos listeners when it first launched over the summer.

Home-streaming wasn't available sooner because the two companies needed time to make all of Apple Music's features compatible with the Sonos system and app, Apple Senior Vice President Eddy Cue said.

"We wanted to give customers a complete experience," he told The Associated Press.

Apple Inc. said last month that it had signed up 6.5 million paying subscribers for its new service, while 7-year-old Spotify claims 20 million subscribers. Earlier this month, Apple expanded its service by offering a version for Android devices. Cue said Apple won't release an update on subscriber numbers until after the holidays.

Sonos CEO John MacFarlane acknowledged that some artists and recording companies are still debating the notion of streaming music, as opposed to selling digital copies. He cited pop singer Adele's decision to withhold her latest album from streaming services this month. But he predicted that Apple, through its size and clout in consumer markets, will win broader acceptance for the streaming model.

Apple can "bring organization and focus to the entire industry," MacFarlane said.



SONOS

# AFTER PARIS, US POLITICAL SHIFT ON PRIVACY VS SECURITY

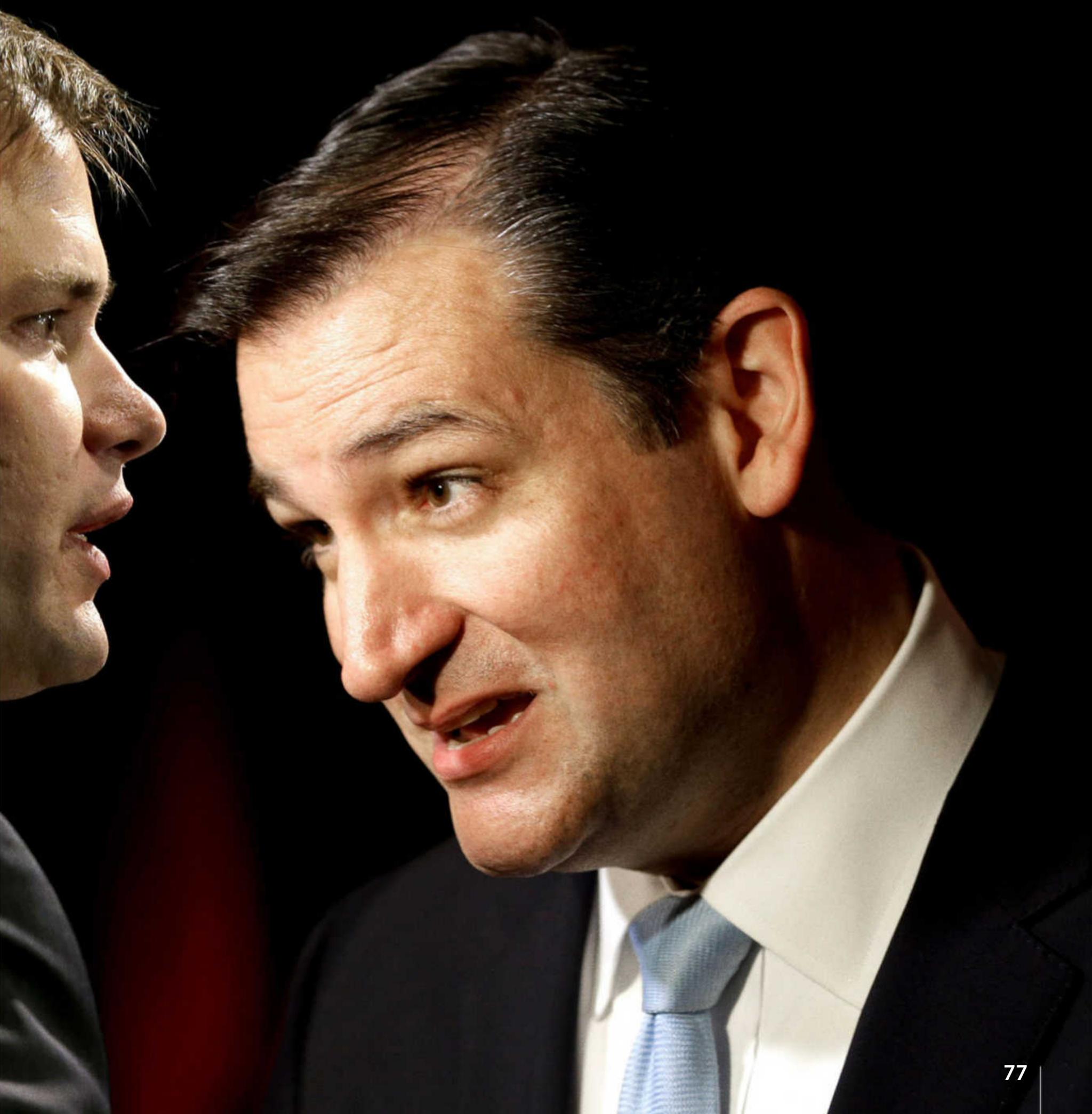
The Paris attacks have renewed debate on the U.S. government's post-Sept. 11 domestic surveillance laws, leading to efforts to revive the issue on Capitol Hill and handing Marco Rubio an opening against Ted Cruz in the Republican presidential race.

The two senators were on opposite sides earlier this year when Congress eliminated the National Security Agency's bulk phone-records collection program and replaced it with a more restrictive measure to keep the records in phone companies' hands.

Rubio, R-Fla., sided with top Republican senators in trying unsuccessfully to extend the existing program, saying that national security required it. Cruz, R-Texas, allied himself with Democrats and the few other Republicans who said the program amounted to intrusive government overreach with no security benefit and voted to remake it.



Image: Charlie Neibergall / David J. Phillip



Now, with polls showing the public is growing more concerned with security after the Paris attacks this month that killed 130 people, Rubio is backing long-shot legislation aimed at keeping the intended changes from taking effect at month's end, as scheduled. He also needling Cruz, who is responding just as adamantly, as the two, rising in the presidential polls, escalate their direct confrontations.

"This is not a personal attack. It's a policy difference," Rubio said recently in an interview in Des Moines, Iowa. He said Cruz had joined with Senate liberals and the ACLU "to undermine the intelligence programs of this country."

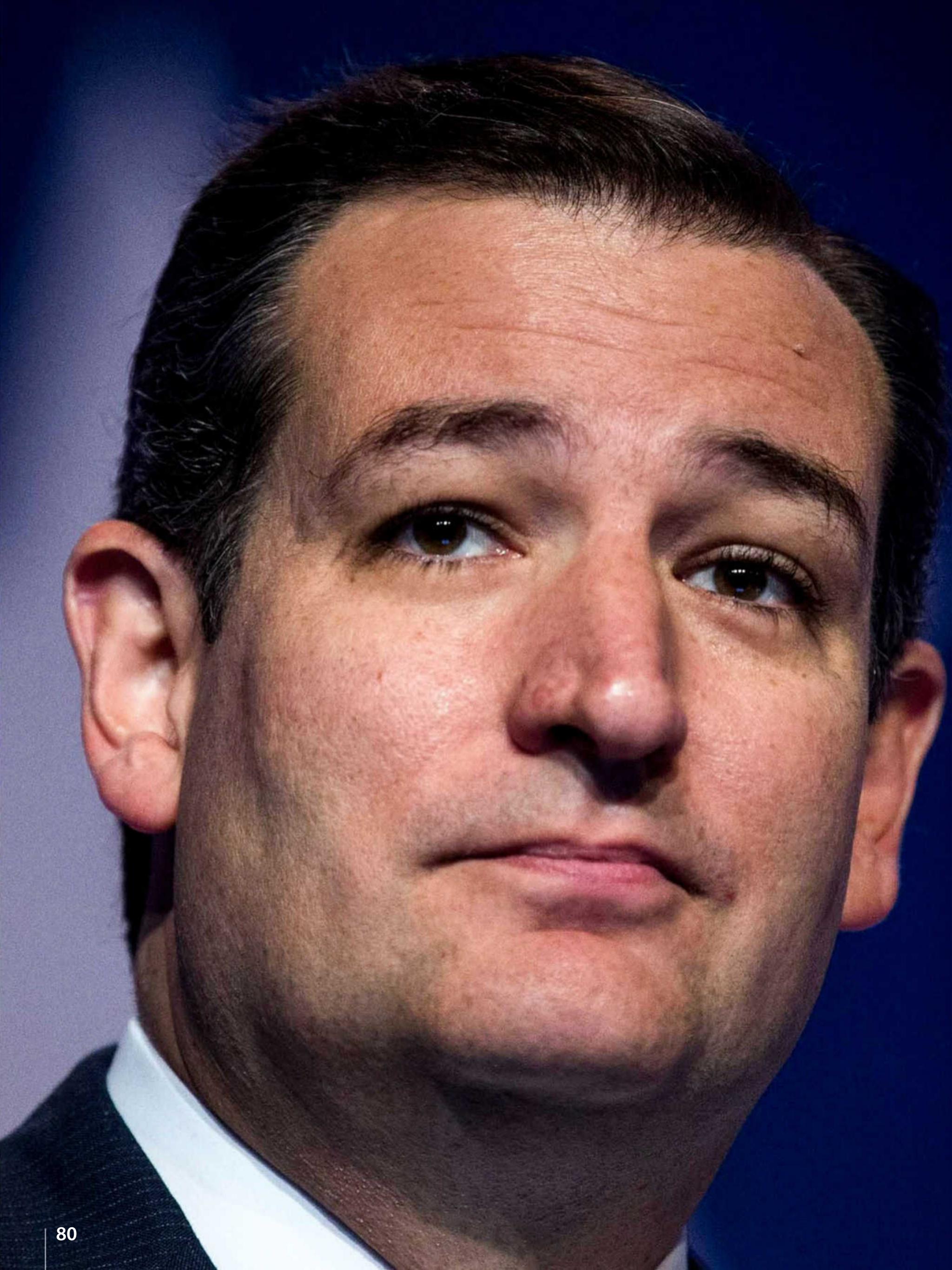
"They do so under the guise of protecting our liberties," Rubio said. "But in fact you can protect our liberties without undermining those programs."

Cruz, in an interview, disputed Rubio's criticism.

"I disagree with some Washington Republicans who think we should disregard and discard the constitutional protections of American citizens," he said. "We can keep this nation safe without acquiescing to Big Brother having information about every aspect of our lives."

The back-and-forth comes at a moment when Rubio and Cruz are nearing the top of the Republican field nationally and in key early voting states, though Donald Trump remains the front-runner. At the same time, a Washington Post poll conducted after the Paris attacks showed a jump in the percentage of voters favoring investigating terrorist threats over protecting personal privacy: 72 percent said the government should investigate threats even at the cost of personal privacy, and 25 percent said the government shouldn't intrude on personal privacy, even if that limits its investigatory abilities.





Speculation about how the suspects in the Paris attacks communicated is also raising calls for Congress to take new steps on surveillance and ensure government access to encrypted networks. It adds up to an atmosphere in which some of those on the losing end of the congressional debate this year now feel they have the upper hand.

"It's just astonishing to me how those advocates of ridding us of any government involvement in our lives have now become strangely quiet," said Sen. John McCain, R-Ariz. "Of course they've been proven wrong."

The Senate agreed to the USA Freedom Act this year only after GOP Sen. Rand Paul of Kentucky, who's also running for president but lags in polls, used Senate rules to force the most controversial aspect to expire briefly, in a showdown with the Senate leaders.

The Freedom Act remade that element of the Patriot Act - the bulk collection program, exposed by Edward Snowden, that allows the NSA to sweep up Americans' phone records and comb through them for ties to international terrorists. On Sunday, the NSA loses the power to collect and store those records. The government still could gain court orders to obtain data connected to specific numbers from the phone companies.

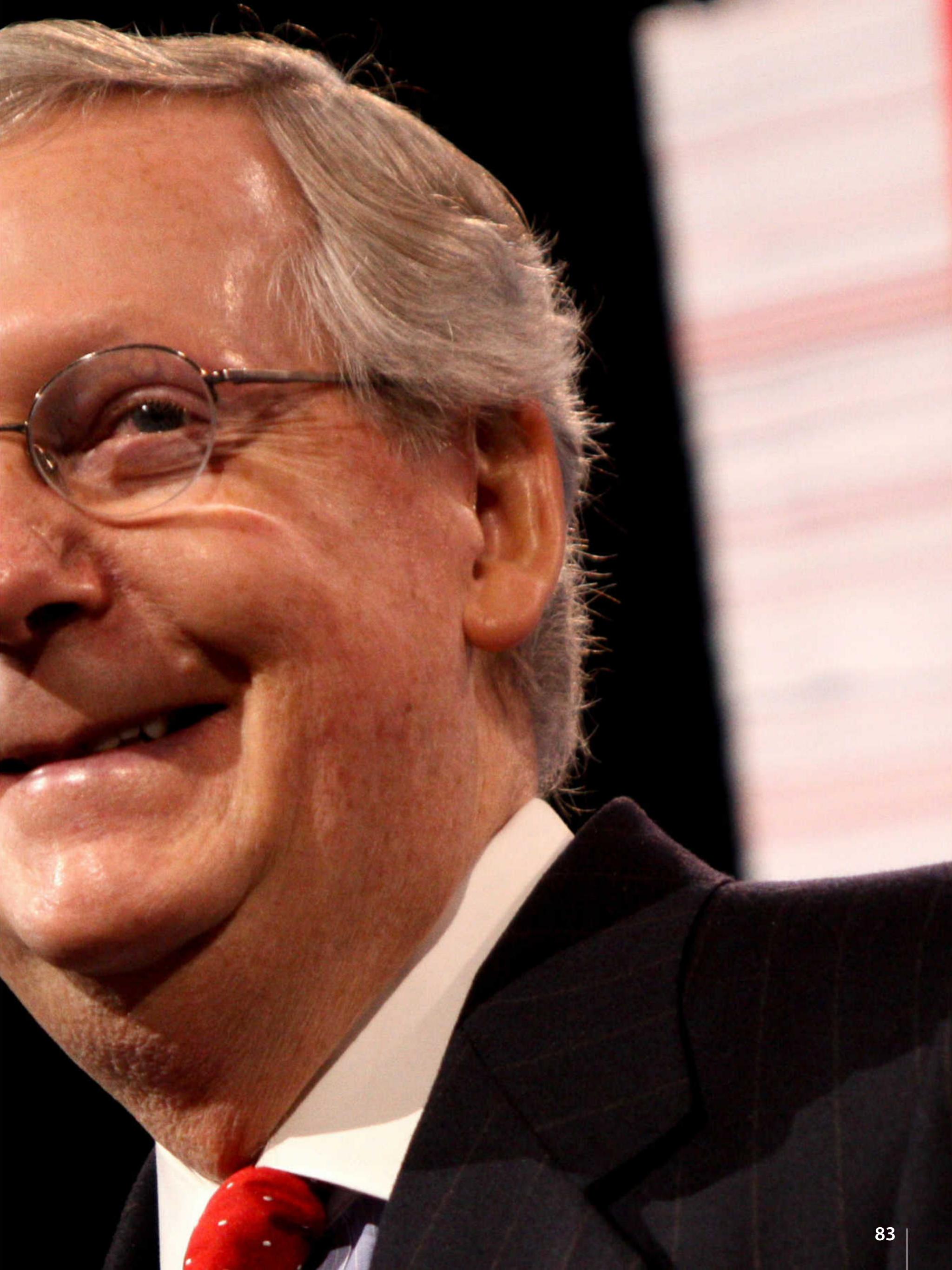


Following the Paris attacks, GOP Sen. Tom Cotton of Arkansas introduced a bill to delay the start date for the new phone records program until 2017 or until the president can certify that the new NSA collection system is as effective as the current one.

Rubio and Senate Majority Leader Mitch McConnell, R-Ky., are among the co-sponsors of Cotton's bill. Yet with Congress on recess, it won't get floor time ahead of the deadline, and Congress has few legislative days left this year. Aides say Cotton will keep focused on the issue next year.

Some lawmakers and advocates who strongly opposed the expiring Patriot Act provisions as an unwarranted government intrusion now accuse senators on Rubio's side of trying to capitalize on the Paris tragedy to reopen the debate.

"Within six weeks of 9/11 they passed the Patriot Act," said Rep. Thomas Massie, R-Ky. "And it's only natural they would try to do the same thing this time."



## WHY GOVERNMENT AND TECH CAN'T AGREE ABOUT ENCRYPTION

Your phone is getting better and better at protecting your privacy. But Uncle Sam isn't totally comfortable with that, because it's also complicating the work of tracking criminals and potential national-security threats.

For decades, tech companies have steadily expanded the use of encryption - a data-scrambling technology that shields information from prying eyes, whether it's sent over the Internet or stored on phones and computers. For almost as long, police and intelligence agencies have sought to poke holes in the security technology, which can thwart investigators even when they have a legal warrant for, say, possibly incriminating text messages stored on a phone.

The authorities haven't fared well; strong encryption now keeps strangers out of everything from your iMessages to app data stored on the latest Android phones. But in the wake of the Paris attacks, U.S. officials are again pushing for limits on encryption, even though there's still no evidence the extremists used it to safeguard their communications.

While various experts are exploring ways of resolving the impasse, none are making much headway. For now, the status quo favors civil libertarians and the tech industry, although that could change quickly - for instance, should another attack lead to mass U.S. casualties. Such a scenario could stampede Congress into passing hasty and potentially counterproductive restrictions on encryption.





"There are completely reasonable concerns on both sides," said Yeshiva University law professor Deborah Pearlstein. The aftermath of an attack, however, "is the least practical time to have a rational discussion about these issues."

Encryption plays a little heralded, yet crucial role in the modern economy and daily life. It protects everything from corporate secrets to the credit-card numbers of online shoppers to the communications of democracy advocates fighting totalitarian regimes.

At the same time, recent decisions by Apple and Google to encrypt smartphone data by default have rankled law enforcement officials, who complain of growing difficulty in getting access to the data they feel they need to build criminal cases and prevent attacks. For months, the Obama administration - which has steered away from legislative restrictions on encryption - has been in talks with technology companies to brainstorm ways of giving investigators legal access to encrypted information.

But technology experts and their allies say there's no way to grant law enforcement such access without making everyone more vulnerable to cybercriminals and identity thieves. "It would put American bank accounts and their health records, and their phones, at a huge risk to hackers and foreign criminals and spies, while at the same time doing little or nothing to stop terrorists," Sen. Ron Wyden, D-Ore., said in an interview Monday.

Lawmakers on the U.S. Senate Select Committee on Intelligence remain on what they call an “exploratory” search for options that might expand access for law enforcement, although they’re not necessarily looking at new legislation.

The FBI and police have other options even if they can’t read encrypted files and messages. So-called metadata - basically, a record of everyone an individual contacts via phone, email or text message - isn’t encrypted, and service providers can make it available when served with subpoenas. Data stored on remote computers in the cloud - for instance, on Apple’s iCloud service or Google’s Drive - is also often available to investigators with search warrants. (Apple and Google encrypt that data, but also hold the keys.)

Some security experts suggest that should be enough. Michael Moore, chief technology officer and co-founder of the Baltimore, Maryland-based data security firm Terbium Labs, noted that police have managed to take down online criminals even without bypassing encryption. He pointed to the 2013 take down of Silk Road, a massive online drug bazaar that operated on the “dark Web,” essentially the underworld of the Internet.

“The way they figured that out was through good old-fashioned police work, not by breaking cryptography,” Moore said. “I don’t think there’s a shortcut to good police work in that regard.”

Others argue that the very notion of "compromise" makes no sense where encryption is concerned. "Encryption fundamentally is about math," said Mike Mc Nerney, a fellow on the Truman National Security Project and a former cyber policy adviser to the Secretary of Defense. "How do you compromise on math?" He called the idea of backdoors "silly."

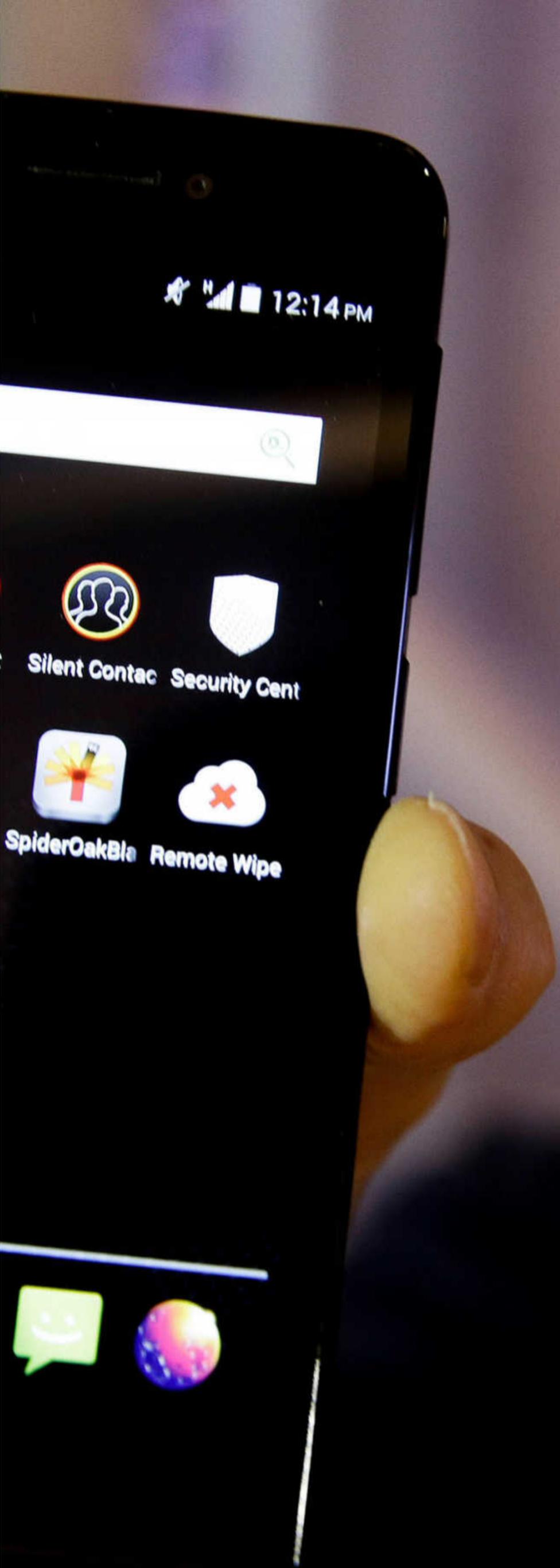
Some in law enforcement have compromise ideas of their own. The Manhattan District Attorney's office, for instance, recently called for a federal law that would require smartphone companies to sell phones they could unlock for government searches - in essence, forcing them to hold the keys to user data.

In a report on the subject, the office called its suggestion a “limited proposal” that would only apply to data stored on smartphones and restrict searches to devices that authorities had already seized. Privacy advocates and tech companies aren’t sold, saying it would weaken security for phones that are already too vulnerable to attack.

Marcus Thomas, the chief technology officer at Subsentio and former assistant director of the FBI’s operational technology division, argued that it’s too late to turn back the clock on strong encryption, putting law enforcement in a “race against time” to obtain investigatory data whenever and wherever it can. But he urged security experts to find ways to help out investigators as they design next-generation encryption systems.

The idea of allowing law enforcement secure access to encrypted information doesn’t faze Nate Cardozo, a staff attorney for the San Francisco-based Electronic Frontier Foundation - provided a warrant is involved. Unfortunately, he says, cryptographers agree that the prospect is a “pure fantasy.”





# FANTASY SPORTS COMPANIES WEIGH LEAVING US MARKET, FOR NOW

Yahoo remains active. CBS has quietly withdrawn. And lesser known daily fantasy sports companies are scaling back.

As industry leaders FanDuel and DraftKings fight to protect their lucrative enterprises, other companies offering daily fantasy sports are taking different approaches to how they operate as their new industry faces increased scrutiny.

"The industry is pretty fragmented on the 'should they stay or should they go' issue," says Chris Grove, editor of the Las Vegas-based Legal Sports Report, which focuses on sports wagering. "A real schism has opened up."





Many companies are retrenching, but their movements haven't significantly hurt the market, said David Copeland, CEO of SuperLobby, a U.K. website that tracks daily fantasy sports companies.

The maneuvering has largely depended on each company's size and other interests. Boston's DraftKings and New York's FanDuel - by far the largest operators in terms of player entry fees and prize money - have gone all-in to stay put.

Yahoo, a top site for season-long fantasy sports, is among the companies that have the luxury to pick battles until the dust settles.

Like most operators, the California tech giant does not operate daily fantasy sports games in states where local law effectively bans their industry: Arizona, Iowa, Louisiana, Montana, Nevada and Washington.

But it's also withdrawn from Florida, where a federal grand jury is looking at whether daily fantasy sports games violate state law. FanDuel, DraftKings and a number of others still operate there.

At the same time, Yahoo remains in New York, despite being issued a subpoena by state Attorney General Eric Schneiderman for more information about its daily fantasy operations. Schneiderman hasn't ordered the company to stop operating in the state, as he's done with DraftKings and FanDuel, which are fighting the order in court.

Yahoo declined to elaborate on its state-by-state strategy but said in a statement it believes it's offering a "lawful product."





WEEK FANTASY FOOTBALL

# DRAFTKINGS

WELCOME  
TO THE BIG TIME

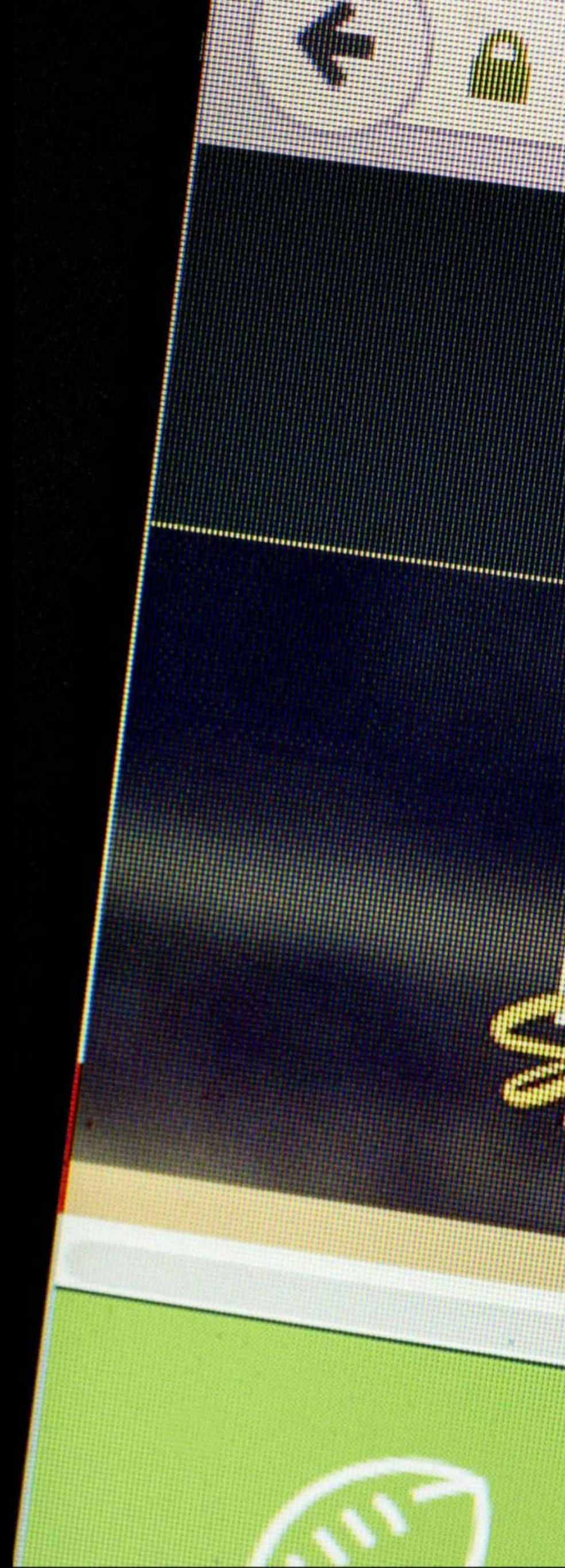


DRAFTKINGS  
1

DRAFT  
KINGS

WEEK FANTASY SPORTS

50



CBS Sports, another big player in the traditional, season-long fantasy sports world that offers competition for cash prizes, appears to be taking a more conservative approach.

The company, which declined to comment for this story, rolled out its daily fantasy games under a revived SportsLine brand about midway through the Major League Baseball season. But the games never continued into the more lucrative NFL season, as expected.

StarsDraft is an extreme example among daily fantasy operators.

The company is owned by Amaya, operators of the popular PokerStars gambling website. It pulled out of most states just weeks after launching for the NFL season, and its contests are now only offered in Massachusetts, Kansas, New Jersey and Maryland.

Eric Hollreiser, Amaya's vice president of communications, says the company is simply taking the long view.

"We aren't ceding anything to competitors," he says. "We're running a marathon and won't compete in the expensive marketing sprint the others are running."

Grove suggests Amaya - one of the world's biggest online gambling companies- has other priorities. Chiefly, bringing regulated online poker to the United States.

"They're playing for different stakes," he said. "There's little reason for them to push the envelope legally in the United States, especially over daily fantasy sports, which would represent a drag on their bottom line at this stage."

# FanDuel



\$750k 5  
SEC SHOT



SLATER

For smaller, daily fantasy sports-centered startups, it's a somewhat different calculation.

Mondogoal, a U.K. daily fantasy sports company focused on professional soccer, has pulled out of seven states so far. Founder Shergul Arshad, a Massachusetts resident, says he's considering pulling up stakes entirely from the U.S.

Almost 90 percent of Mondogoal's customers, he says, are outside the U.S. anyway.

Meanwhile, at Star Fantasy Leagues, chief operating officer Seth Young says the New York-based company pulled out of 25 states recently because it concluded the risks were too great after examining local laws. Instead, the 3-year-old company has pivoted to focus on developing daily fantasy sports platforms for other operators, such as state lotteries.

"We'd rather see the clarity and re-enter," he said. "Otherwise, we'll focus our attention elsewhere."







# HOW CAN PEOPLE SAFELY TAKE CONTROL FROM A SELF- DRIVING CAR?

New cars that can steer and brake themselves risk lulling people in the driver's seat into a false sense of security - and even to sleep. One way to keep people alert may be providing distractions that are now illegal.

That was one surprising finding when researchers put Stanford University students in a simulated self-driving car to study how they reacted when their robo-chauffer needed help.

The experiment was one in a growing number that assesses how cars can safely hand control back to a person when their self-driving software and sensors are overwhelmed or overmatched. With some models already able to stay in their lane or keep a safe distance from other traffic, and automakers pushing for more automation, the car-to-driver handoff is a big open question.

The elimination of distracted driving is a major selling point for the technology. But in the Stanford experiment, reading or watching a movie helped keep participants awake.

Among the 48 students put in the driver's seat, 13 who were instructed to monitor the car and road began to nod off. Only three did so when told to watch a video or read from a tablet.

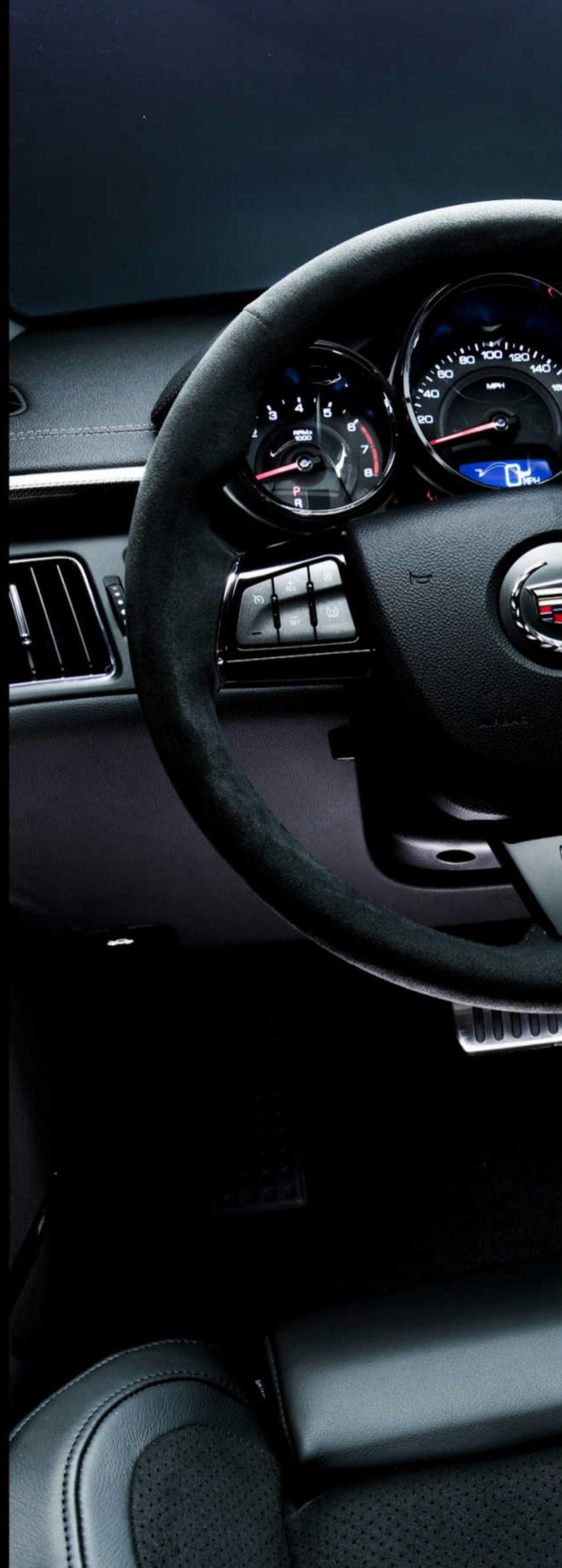
Alertness mattered when students needed to grab the wheel because a simulated car or pedestrian got in the way.

There's no consensus on the right car-to-driver handoff approach: the Stanford research suggests engaging people with media could help, while some automakers are marketing vehicles with limited self-driving features that will slow the car if they detect a person has stopped paying attention to the road.

Though research is ongoing, it appears that people need at least 5 seconds to take over - if they're not totally checked out.

Self-driving car experts at Google, which is pursuing the technology more aggressively than any automaker, concluded that involving humans would make its cars less safe. Google's solution is a prototype with no steering wheel or pedals - human control would be limited to go and stop buttons.

Meanwhile, traditional automakers are phasing in the technology. Mercedes and Toyota sell cars that can hit the brakes and stay in their lane. By adding new features each year, they might produce a truly self-driving car in about a decade.







*Cadillac*



One potential hazard of this gradualist approach became clear this fall, when Tesla Motors had to explain that its "auto pilot" feature did not mean drivers could stop paying attention. Several videos posted online showed people recording the novelty - then seizing the wheel when the car made a startling move.

Starting late next year, the Cadillac CTS will get a Super Cruise system, which will allow semi-autonomous highway driving. If the driver's eyes are off the road, and they don't respond to repeated prodding, the car slows.

"We are in no way selling this as a technology where the driver can check out," General Motors spokesman Dan Flores said. "You can relax, glance away, but you still have to be aware because you know the technology's not foolproof."

One riddle automakers must solve: How to get owners to trust the technology so they'll use it - but not trust it so much that they'll be lulled into a false sense of security and therefore slower to react when the car needs them.

Trust was on the mind of researchers who in August published an extensive report on self-driving cars funded by the National Highway Traffic Safety Administration. "Although this trust is essential for widespread adoption, participants were also observed prioritizing non-driving activities over the operation of the vehicle," the authors wrote.

Another wide-open question: How to alert the person in the driver's seat of the need to take over.

It appears that the car should appeal to several senses. Visual warnings alone may not suffice.

But combine a light with spoken instructions or physical stimulation such as a vibrating seat, and people react more quickly.

"If it is done courteously and subtle and not annoying, it could be missed by someone that is distracted," said Greg Fitch, a research scientist at the Virginia Tech Transportation Institute. Then again, the way the car interacts with people will be one way automakers differentiate their product - and overbearing warnings may sour potential buyers.

Other issues Fitch cites include "mode confusion" (making sure the car clearly informs the person whether or not it is driving itself) and clear explanations to drivers of what the car can - and cannot - handle.

Cars with the right sensors are becoming really good at monitoring the outside world and have quicker response times than humans. People are much better at making decisions during uncertain circumstances.

One lesson from the Stanford study may be that master and machine are better viewed as collaborators.

"There's really a relationship between drivers and cars," said David Sirkin, who helped run the experiment at Stanford's Center for Design Research, "and that relationship is becoming more a peer relationship."



7°C



07:51

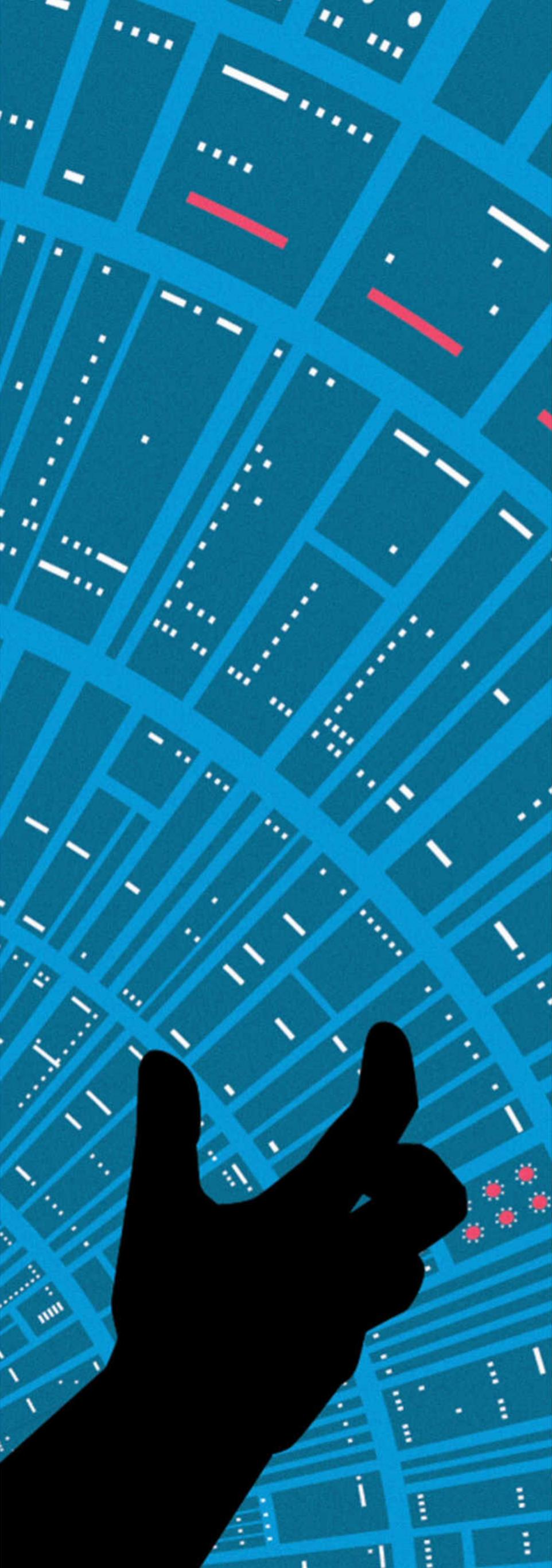
Auto Pilot available  
Hold both paddles to  
activate



Next  
Hisingsleden







# CHECK OUT THESE STAR WARS FAN FILMS TO FEEL THE FORCE

If the teasers, trailers and hints haven't sated your appetite for all things Star Wars in advance of the latest entry in the franchise, then it's time to tap into the force of fan films.

These sometimes hilarious, sometimes awe-inspiring and always off-canonical creations are showcases for the creativity of Star Wars fanatics. You've got to give them credit for piecing together trailer hints into logical themes, pulling off low-budget special effects, and acting in generally cheesy fashion.

And fear not - the Disney empire won't be striking back. The company encourages these mash-ups, having revived the annual Star Wars Fan Film Awards in 2014 two years after buying Lucasfilm.

Here's a mini-marathon playlist to get you primed for the premiere of "Star Wars: Episode VII - The Force Awakens":

**1.** A musical tribute to Star Wars fans set to Elton John's "Rocket Man."

<http://bit.ly/1PP5tFy>

**2.** A low-budget remake of "The Force Awakens" trailer. <http://bit.ly/1kTP8To>

**3.** A special-effects laden duel, complete with Kylo Ren's wicked lightsaber crossguard. <http://bit.ly/1N892Ac>

**4.** The crew of the U.S. aircraft carrier Dwight D. Eisenhower remade the teaser trailer, complete with real-life fighter pilots.

<http://bit.ly/1MRNtVe>

**5.** A clever stitching together of various teasers and trailers to date, including bits from international trailers and voice-overs from previous films. <http://bit.ly/1NdffPN>





**6.** A lightsaber fight that gets extra points for the choreography (note the behind the back parry) and alternate endings.

<http://bit.ly/1QIxSxc>

**7.** Lightsaber boomerangs make this fan film scream “From Down Unda.”

<http://bit.ly/1Xrp6CK>

**8.** An officially sanctioned fan film that riffs on characters from the prequel trilogy and “The Clone Wars” animated series.

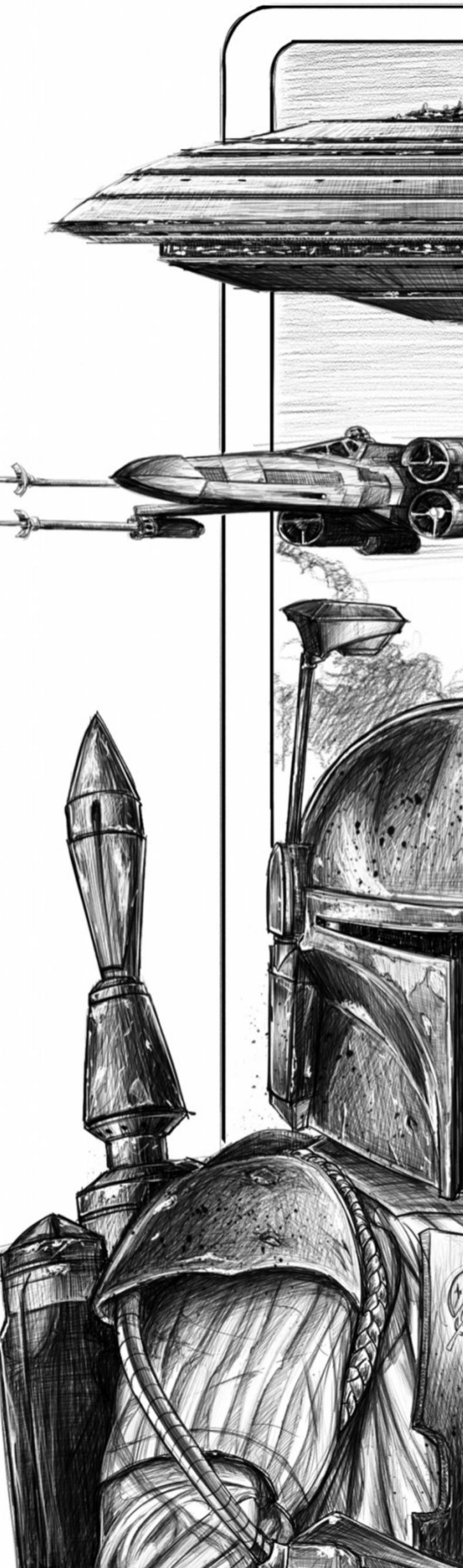
<http://bit.ly/1kTPGIZ>

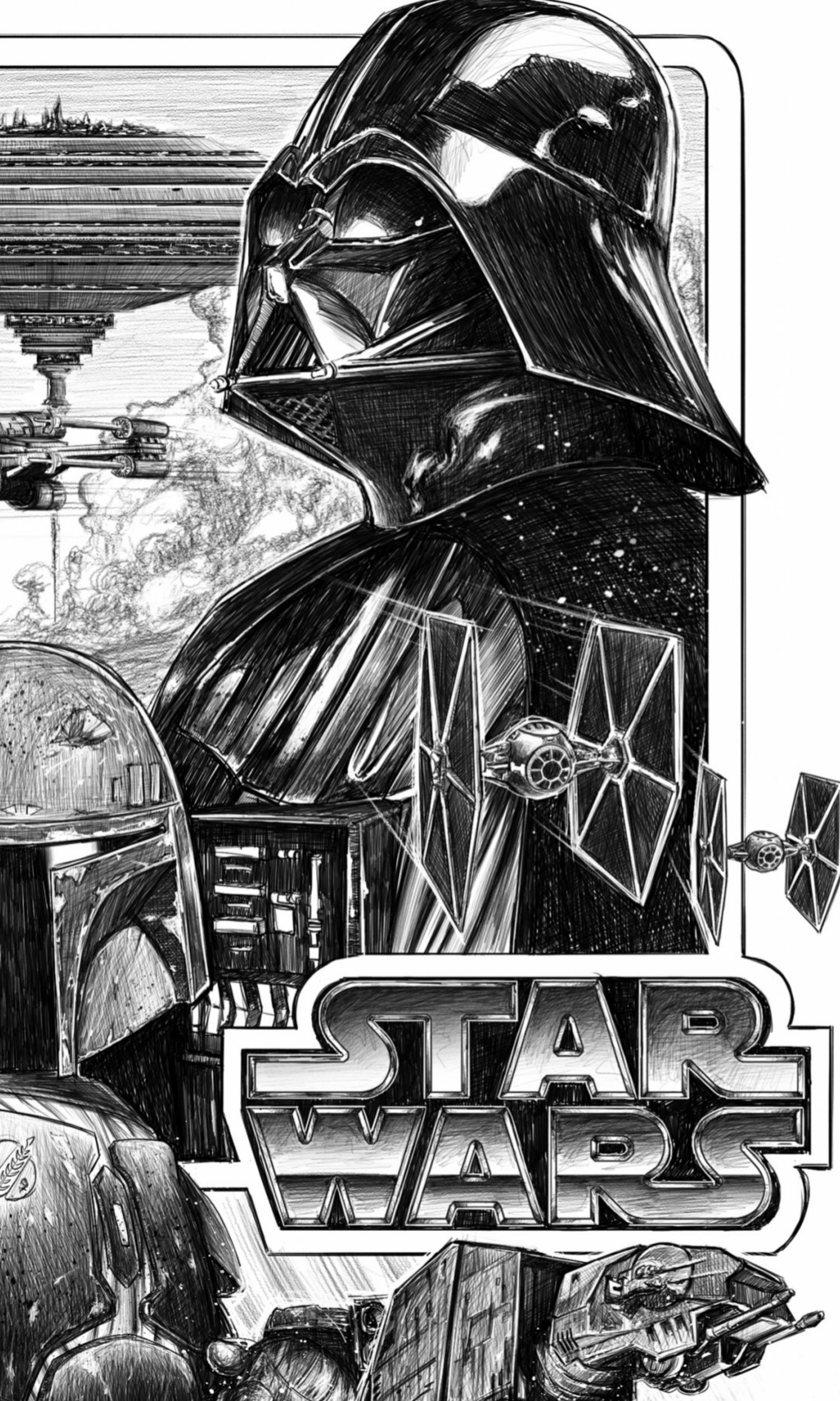
**9.** A Boba Fett spin-off teaser premised on his escape from the sarlacc that swallowed him in “Return of the Jedi.”

<http://bit.ly/1Tf9B09>

**10.** Yet another lightsaber battle - this time taken to deliberately ridiculous extremes. Watch for the Minecraft reference.

<http://bit.ly/1LA5O7o>







# BMW CEO SEES POINT WHEN UPDATING DIESEL UNECONOMIC

BMW's CEO says that at some future point it will no longer make economic sense to keep adapting diesel engines to ever-tougher rules, but he isn't saying when.

Harald Krueger was quoted Tuesday as telling German daily Handelsblatt that the European Union's fuel consumption and emission targets for 2020 and beyond can only be achieved with diesel.

He added, however, that "the point will come in the future when it will simply be uneconomic to adapt the diesel drive ever further to the demands of increasingly ambitious legislation." Electric power will then play "the decisive role."

Asked what effect the diesel emissions cheating scandal at Volkswagen has had at BMW, Krueger said there has been no impact yet on demand but it's too early to calculate the long-term consequences.









# ZUCKERBERG IS A DAD, AND HE'S GIVING AWAY MOST OF HIS MONEY

Facebook CEO Mark Zuckerberg and his wife announced the birth of their daughter Max as well as plans to donate most of their wealth, or roughly \$45 billion, to a new organization that will tackle a broad range of the world's ills.

Zuckerberg's wife, Priscilla Chan, gave birth last week to a baby girl. The couple didn't put out the news until Zuckerberg posted it Tuesday on - of course - Facebook.

In the same post, Zuckerberg said he and Chan will commit 99 percent of their Facebook stock to such causes as fighting disease, improving education, harnessing clean energy, reducing poverty and promoting equal rights. They are forming a new organization, called the Chan Zuckerberg Initiative, to pursue those goals.



YouTube



# EUROPEAN COURT SLAMS TURKEY OVER YOUTUBE CASE

The European Court of Human Rights has ruled that Turkey violated the European Convention on Human Rights by blocking access to YouTube.

A group of three Turkish law teachers had taken the case to the court in 2010 after a Turkish criminal court ordered the blocking of access to YouTube for more than two years because some videos were available that were “insulting to the memory” of Mustapha Kemal Ataturk - the first president of the republic of Turkey.

The European Court of Human Rights ruled on Tuesday that the blocking order had affected the teachers’ “right to receive and impart information” and that there had been a “violation of Article 10 (freedom of expression) of the European Convention on Human Rights.”

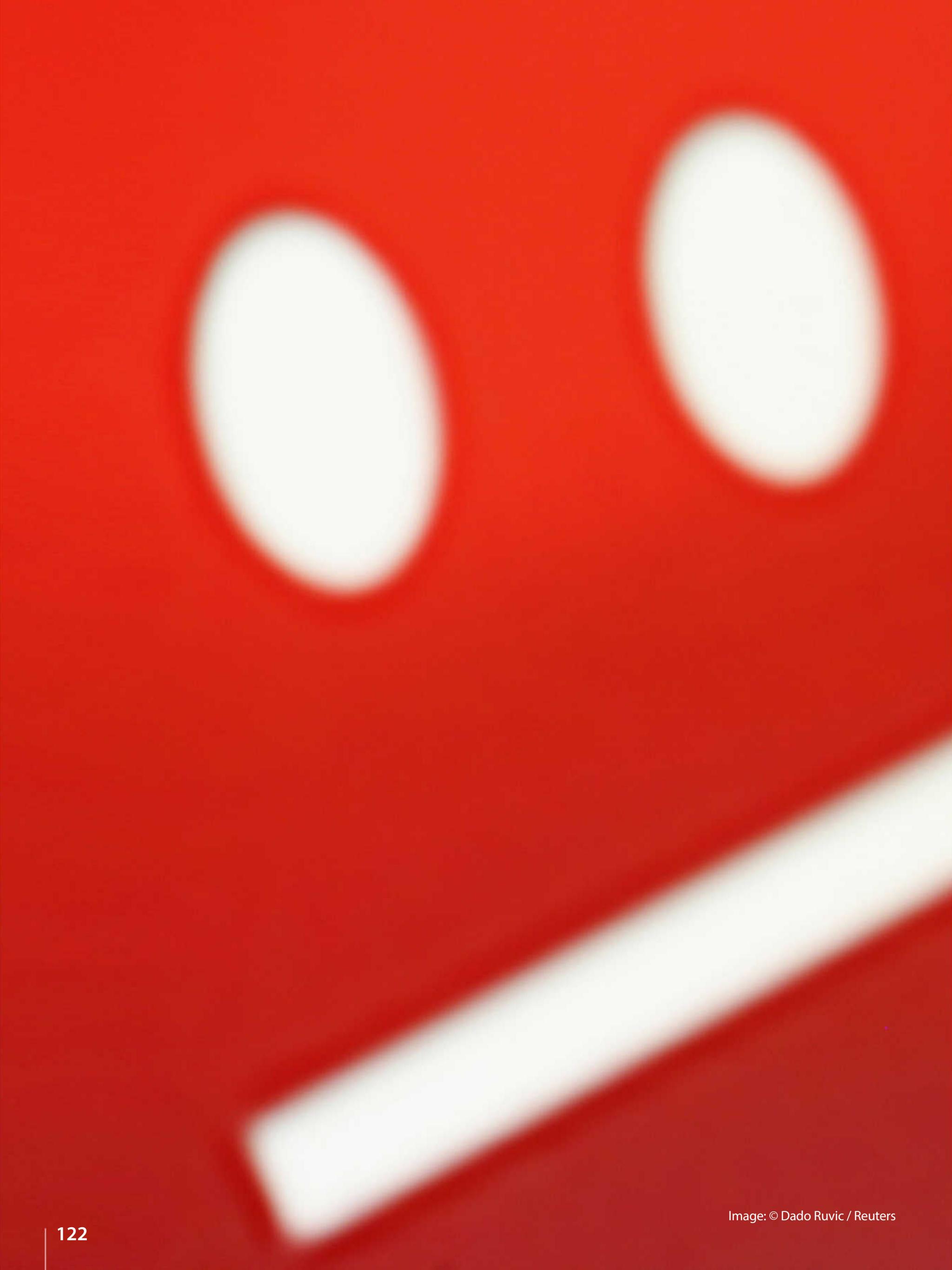
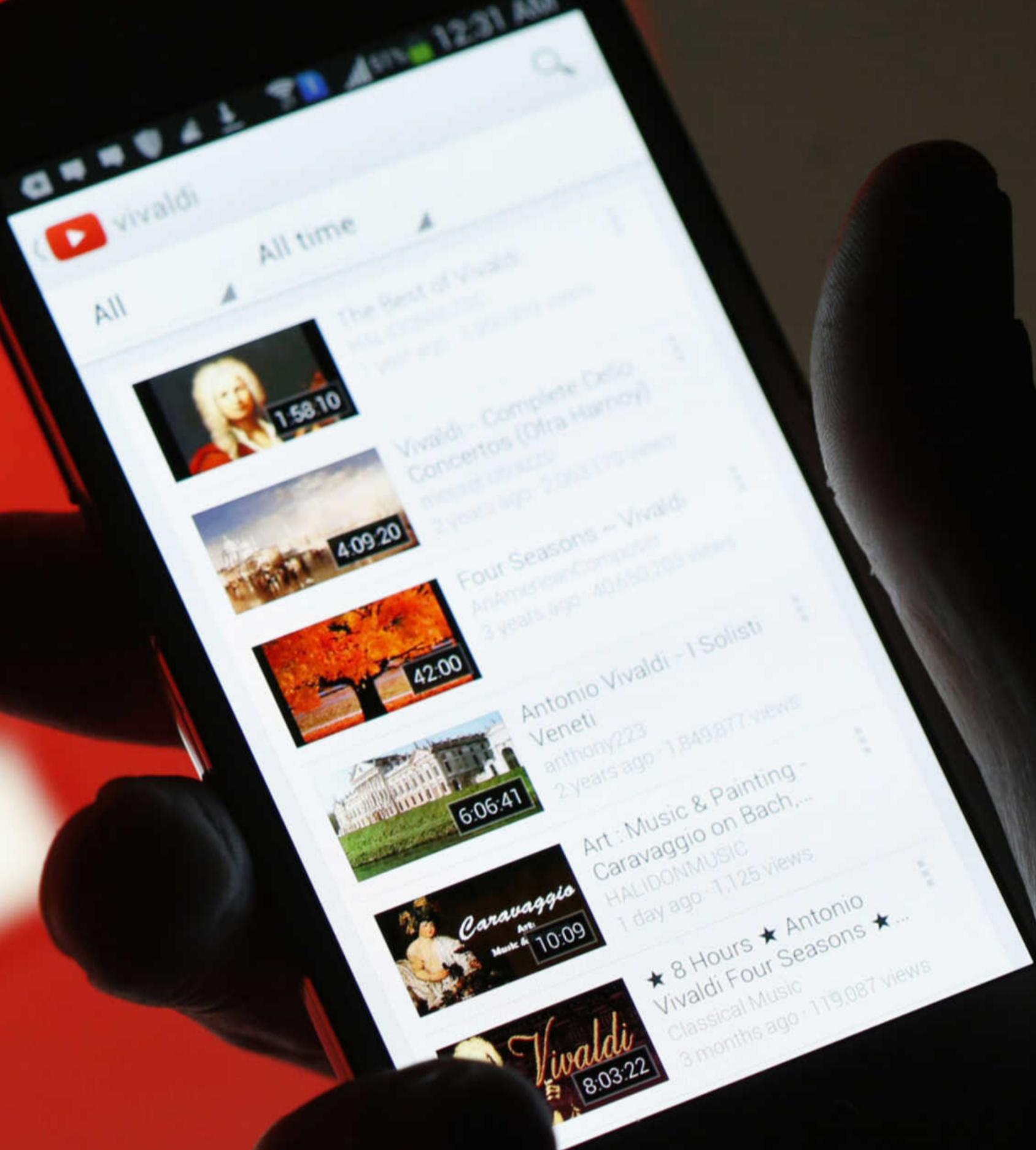


Image: © Dado Ruvic / Reuters



SCIENCE

PARIS CLIMAT 2015



LEADERS  
OF WARMING  
EARTH MEET  
IN PARIS  
TO CUT  
EMISSIONS



Image: Evan Vucci



The largest group of world leaders ever to stand together kicked off two weeks of high-stakes climate talks outside Paris on Monday, saying that striking an ambitious deal to curb global warming can show terrorists what countries can achieve when they are united.

"What greater rejection of those who would tear down our world than marshaling our best efforts to save it?" President Barack Obama asked his fellow world leaders.

The U.N.-organized gathering of 151 heads of state and government comes at a somber time for France, two weeks after militants linked to the Islamic State group killed 130 people around Paris. Fears of more attacks prompted extra-high security and a crackdown on environmental protests.

The conference is aimed at the most far-reaching deal ever to tackle global warming. The last major agreement, the 1997 Kyoto Protocol, required only rich countries to cut carbon dioxide emissions, and the U.S. never signed on. Since then, global temperatures and sea levels have continued to rise, and the Earth has seen an extraordinary run of extreme weather.

"The future of the people of the world, the future of our planet, is in your hands," U.N. Secretary-General Ban Ki-moon told negotiators in his opening remarks. "We cannot afford indecision, half measures or merely gradual approaches. Our goal must be a transformation."

More than 180 countries have already submitted individual national plans, but a climate deal is by no means guaranteed.



Image: Christophe Ena



Among several sticking points is money - how much rich countries should invest to help poor countries cope with climate change, how much should be invested in renewable energy, and how much traditional oil, gas and coal producers stand to lose if countries agree to forever reduce emissions.

Reviving the rich-poor differences that caused earlier climate talks to fail, Chinese President Xi Jinping said an eventual global deal must include aid for poor countries and acknowledge differences between developing and established economies.

"Addressing climate change should not deny the legitimate needs of developing countries to reduce poverty and improve living standards," he said.

Many of the leaders said the world must keep the average temperature within 1 degree Celsius (1.8 degrees Fahrenheit) of current levels - and if possible to half that, to spare island nations threatened by rising seas.

The world has already warmed nearly 1 degree Celsius since the beginning of the industrial age, and factories and cars continue to belch pollution around the world. Beijing on Monday reported one of the worst spells of air pollution in years, saying levels of soot were 25 times what the World Health Organization considers safe. That's a different pollution from carbon dioxide, but both come from burning fossil fuel, especially coal.

Many of the leaders framed the problem as a generational issue, where current leaders owe future generations a livable Earth. Britain's Prince Charles said: "None of us should assume that for our today they should give up tomorrow."





Leaders called their attendance in Paris an act of defiance after the Nov. 13 attacks, some of which occurred near the airfield north of the city where the conference is taking place.

Wide highways usually packed with commuters were cordoned off to clear the way for the VIPs. Riot police vans and plainclothes officers were stationed around the capital.

Many of the leaders paid their respects at sites linked to the attacks. Obama, in a late-night visit, placed a single flower outside the concert hall where dozens were killed, and bowed his head in silence.

"We stand with Paris," U.N. climate change agency chief Christina Figueres said. "The City of Light, now more than ever, is a beacon of hope for the world."

Many of the leaders called for a binding agreement and emphasized the role of private funding.





To that end, at least 19 governments and 28 leading world investors were announcing billions of dollars in investments to research and develop clean energy technology, with the goal of making it cheaper. Backers include Obama, Microsoft co-founder Bill Gates, Facebook founder Mark Zuckerberg, billionaires George Soros and Saudi Prince Alaweed bin Talal, and Jack Ma of China's Alibaba.

Under the initiative, 19 countries pledge to double their spending on low- or no-carbon energy over the next five years. They currently spend about \$10 billion a year, about half of that from the U.S.

Gates said he and other investors, including the University of California, are pitching in \$7 billion so far and hope to raise more this week.

"We need to pursue literally dozens and dozens of paths. We know that several of those will give us the solution that we need," he said in launching the project. "We look at the poorest people in the world: They are the ones who don't have energy. ... Unfortunately these are also the same people who suffer the most."

In another announcement, the United States, Canada and nine European countries pledged nearly \$250 million to help the most vulnerable countries adapt to rising seas, droughts and other consequences of climate change. Germany pledged \$53 million, the U.S. \$51 million and Britain \$45 million.

The money will be made available to a fund for the least developed countries. Other countries that contributed include Denmark, Finland, France, Ireland, Italy, Sweden and Switzerland.

# TOP Free Apps

ios



## #01 – Twist

By Ketchapp

Category: Games

Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #02 – Facebook Messenger

By Facebook, Inc.

Category: Social Networking

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #03 – Instagram

By Instagram, Inc.

Category: Photo & Video

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #04 – Facebook

By Facebook, Inc.

Category: Social Networking

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #05 – YouTube

By Google, Inc.

Category: Photo & Video

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #06 – Snapchat

By Snapchat, Inc.

Category: Photo & Video

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #07 – iTunes U

By Apple

Category: Education

Requires iOS 8.3 or later. Compatible with iPhone, iPad, and iPod touch.



## #08 – Pandora - Free Music & Radio

By Pandora Media, Inc.

Category: Music

Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod touch.

This app is optimized for iPhone 5, iPhone 6, and iPhone 6 Plus.



## #09 – Amazon App

By AMZN Mobile LLC

Category: Shopping

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #10 – Pixduel™

By FEO Media

Category: Games

Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod touch.

# TOP Free Apps



## #01 – OS X El Capitan

By Apple  
Category: Utilities  
Compatibility: OS X 10.6.8 or later



## #02 – App for Instagram

By Joacim Ståhl  
Category: Social Networking  
Compatibility: OS X 10.7 or later, 64-bit processor



## #03 – Full Deck Solitaire

By GRL Games  
Category: Games  
Compatibility: OS X 10.6.6 or later



## #04 – Kindle

By AMZN Mobile LLC  
Category: Reference  
Compatibility: OS X 10.8 or later



## #05 – ooVoo Video Call, Text and Voice

By ooVoo LLC  
Category: Social Networking  
Compatibility: OS X 10.7 or later, 64-bit processor



## #06 – The Unarchiver

By Dag Agren  
Category: Utilities  
Compatibility: OS X 10.6.0 or later, 64-bit processor



## #07 – Xcode

By Apple  
Category: Developer Tools  
Compatibility: OS X 10.8.4 or later



## #08 – Fotor Photo Editor

By Chengdu Everimaging Science and Technology Co., Ltd  
Category: Photography  
Compatibility: OS X 10.6 or later, 64-bit processor



## #09 – Microsoft OneNote

By Microsoft Corporation  
Category: Productivity  
Compatibility: OS X 10.10 or later



## #10 – Evernote

By Evernote  
Category: Productivity  
Compatibility: OS X 10.9.0 or later, 64-bit processor



Mac OS X

# TOP Paid Apps

iOS



## #01 – Minecraft – Pocket Edition

By Mojang

Category: Games / Price: \$6.99

Requires iOS 5.1.1 or later. Compatible with iPhone, iPad, and iPod touch.



## #02 – Heads Up!

By Warner Bros.

Category: Games / Price: \$0.99

Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #03 – Minecraft: Story Mode

By Telltale Inc

Category: Games / Price: \$4.99

Requires iOS 7.1 or later. Compatible with iPhone, iPad, and iPod touch.



## #04 – Geometry Dash

By RobTop Games AB

Category: Games / Price: \$1.99

Requires iOS 5.1.1 or later. Compatible with iPhone, iPad, and iPod touch.



## #05 – Akinator the Genie

By Eloquence

Category: Entertainment / Price: \$1.99

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #06 – Bloons TD 5

By Ninja Kiwi

Category: Games / Price: \$2.99

Requires iOS 6.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #07 – THE GAME OF LIFE Classic Edition

By Electronic Arts

Category: Games / Price: \$0.99

Requires iOS 5.1.1 or later. Compatible with iPhone, iPad, and iPod touch.



## #08 – True Skate

By True Axis

Category: Games / Price: \$1.99

Requires iOS 5.1.1 or later. Compatible with iPhone, iPad, and iPod touch.



## #09 – Facetune

By Lightricks Ltd.

Category: Photo & Video / Price: \$3.99

Requires iOS 7.0 or later. Compatible with iPhone, iPad, and iPod touch.



## #10 – Last Horizon

By Pixeljam

Category: Games / Price: \$2.99

Requires iOS 5.1.1 or later. Compatible with iPhone, iPad, and iPod touch.



# TOP Paid Apps

## #01 – GarageBand

By Apple  
Category: Music / Price: \$4.99  
Compatibility: OS X 10.9 or later



## #02 – AntiVirus Sentinel Pro

By Calin Popescu  
Category: Utilities / Price: \$9.99  
Compatibility: OS X 10.7 or later, 64-bit processor



## #03 – Splash it!

By Emad Ali  
Category: Photography / Price: \$0.99  
Compatibility: OS X 10.8 or later, 64-bit processor



## #04 – PDF Expert by Readdle

By Readdle  
Category: Productivity / Price: \$19.99  
Compatibility: OS X 10.10 or later, 64-bit processor



## #05 – Logic Pro X

By Apple  
Category: Music / Price: \$199.99  
Compatibility: OS X 10.8.4 or later, 64-bit processor



## #06 – The Sims™ 2: Super Collection

By Aspyr Media, Inc.  
Category: Games / Price: \$29.99  
Compatibility: OS X 10.9.2 or later



## #07 – Duplicate Photos Fixer Pro

By Systweak Software  
Category: Photography / Price: \$0.99  
Compatibility: OS X 10.7 or later



## #08 – Document Writer

By xiong feng  
Category: Business / Price: \$9.99  
Compatibility: OS X 10.7 or later



## #09 – FaceTime

By Apple  
Category: Social Networking / Price: \$0.99  
Compatibility: OS X 10.6.6 or later



## #10 – Pixelmator

By Pixelmator Team  
Category: Graphics & Design / Price: \$29.99  
Compatibility: OS X 10.9.5 or later, 64-bit processor



Mac OS X

# iTunes

Review



Trailer

# Watch

*Movies*  
**& TV Shows**

# Victoria

Victoria, a young woman from Spain, is quickly roped into a bank robbery after a night out in her new home city of Berlin. This dazzling movie was shot in one continuous take, and has been racking up awards for its innovation already.

[iTunes Preview](#)



by Sebastian Schipper  
Genre: Thriller  
Released: 2015  
Price: \$14.99

★★★★★  
29 Ratings

Rotten Tomatoes  
 82%

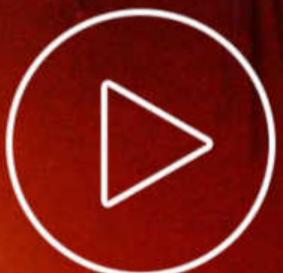
## FIVE FACTS:

1. The movie was shot in one single long take. Director Sebastian Schipper completed the filming in three attempts. The script consisted of only twelve pages, with most of the dialogue being improvised.
2. The score was composed and produced by Nils Frahm, and is his first ever feature movie score.
3. Laia Costa, who plays the title character, forgot where to drive right after the bank robbery scene. The cast's outburst of panic in the car is genuine, as they thought the whole take would be ruined.
4. Victoria received awards for Best Feature Film, Best Direction, Best Actress in a leading Role (Costa), Best Actor in a Leading Role (Lau), Best Cinematography, and Best Music at the German Film Awards 2015. It was also nominated for Best Sound Design.
5. Costa is the first foreign actress to win a LOLA German Film award.

See more in  
iTunes



ONE GIRL. ONE CITY. ONE



*Trailer for the soundtrack album*

ONE NIGHT.  
ONE TAKE.

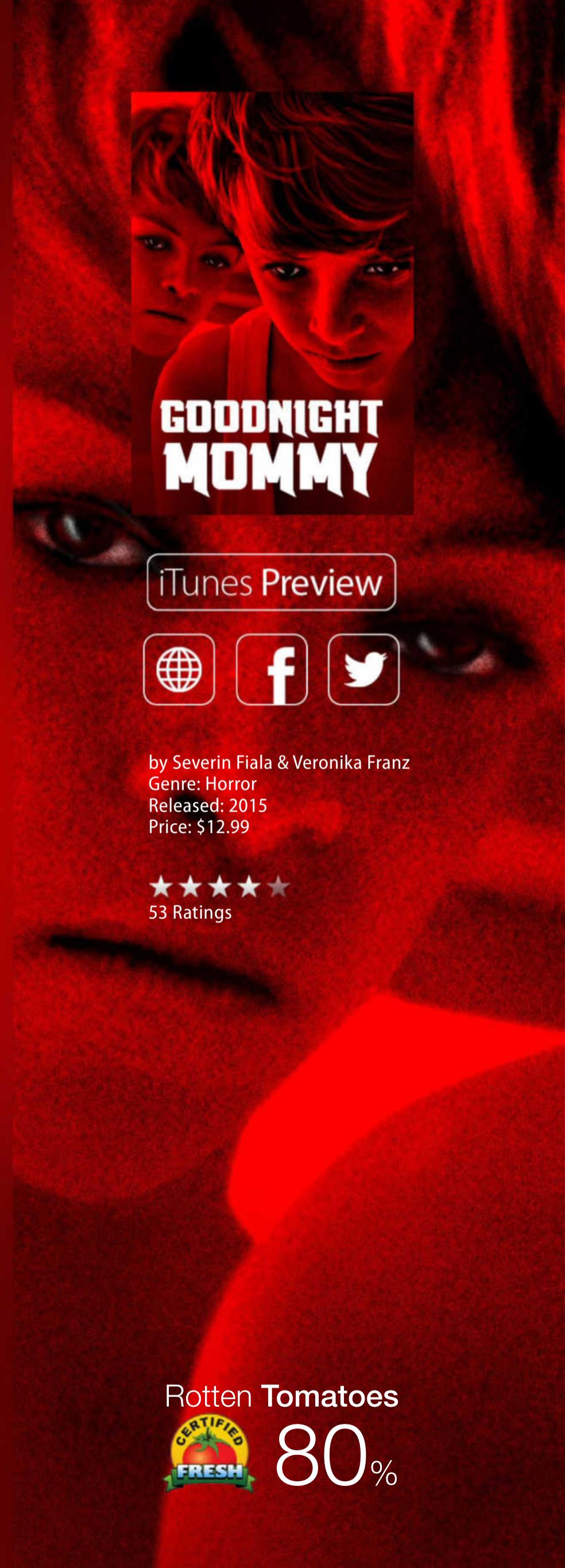
ONE NIGHT. ONE TAKE.

# Goodnight Mommy

The movie behind the trailer that terrified audiences around the world. The mother of two twin boys returns from undergoing cosmetic surgery, but something doesn't seem right. The boys suspect that the person underneath the bandages isn't their mother at all, and aim to get to the bottom of things, with fatal consequences. This award-winning Austrian horror definitely isn't for the faint-hearted.

## FIVE FACTS:

1. The names of the twin boys, Lukas and Elias, are the same names of the actors who play them.
2. The movie has already received a fair share of nominations and wins, including nods at the European Film Awards, Stockholm Film Festival, and several other international film festivals.
3. Over 2,000 Madagascar hissing Cockroaches were used for some scenes in the movie.
4. Victoria Franz' debut feature movie as a director.
5. One of the directors, Severin Fiala, is quoted to have said on the subject of the movie that "Two people fainted. That's the best compliment we've had so far."



[iTunes Preview](#)



by Severin Fiala & Veronika Franz  
Genre: Horror  
Released: 2015  
Price: \$12.99

★★★★★  
53 Ratings

Rotten Tomatoes  
80%  
A yellow circular logo with a red tomato in the center, surrounded by the words 'CERTIFIED FRESH'.



*Trailer*





*Interview with the directors*

iTunes

Review

FOO FIGHTERS



Music

FOO FIGHTERS



SAINT CECILIA EP

[iTunes Preview](#)



Genre: Rock

Released: Nov 23, 2015

5 Songs

Price: Free



478 Ratings



*Title track from the EP*

## Saint Cecilia- EP Foo Fighters

A surprise release from the legendary band sees them showcase 5 songs, one from over 20 years ago, and the rest never making it onto albums. A must for any collectors.

### FIVE FACTS:

1. The band is named after the phenomena known as 'Foo Fighters'- a range of unidentified flying objects spotting during World War II.
2. Vocalist and guitarist Dave Grohl broke his leg after falling off the stage at a show in Gothenburg. He then managed to play a set that lasted for over two hours whilst medics tended to his leg as he sat.
3. Foo Fighters have received 26 awards from 85 nominations.
4. The band has recorded songs for several movie soundtracks including The X-Files, Godzilla, and Scream 2.
5. In 2008, a crowd of approximately 3,000 people attended the BBC Introducing Stage at Reading Festival in the UK to see unsigned band 'The FF'ers' following rumours that it would actually be a secret Foo Fighters gig. Unfortunately for the crowd it was not a secret Foo Fighters gig and The FF'ers were subjected to a large amount of abuse from the audience, including several bottles launched at the band.





*Interview with the band*



# Fare Thee Well (Live 7/5/15)

## Grateful Dead

A live album of one of the Grateful Dead's last ever live shows, to celebrate their 50th anniversary as a band. This album was recorded from their legendary July 5th concert at Soldier Field in Chicago.

### FIVE FACTS:

1. The band has their own movie, *The Grateful Dead Movie*, which was released in 1977. Directed by late lead guitarist and vocalist Jerry Garcia; it features live performances from the band's five-night stint in San Francisco, interviews with the band, and showcases of the devoted fans of the group.
2. When tickets became available for the three Chicago concerts, over 500,000 people logged onto Ticketmaster, which set a new Ticketmaster record for ticket demand.
3. President Barack Obama is a fan of the group. Members of the band reformed to play a concert to raise support for Obama when he was a presidential candidate back in 2008, and Obama wrote a special message for the band in their concert program for the final few shows.
4. The Ben & Jerry's ice cream flavour "Cherry Garcia", released in 1987, is named after Jerry Garcia.
5. Garcia also has a brief cameo as an extra in the 1977 movie *Close Encounters of the Third Kind*. The band would then go on to improvise the theme to the movie during their concerts the following year.



[iTunes Preview](#)



Genre: Rock  
Released: Nov 20, 2015  
18 Songs  
Price: \$19.99



16 Ratings

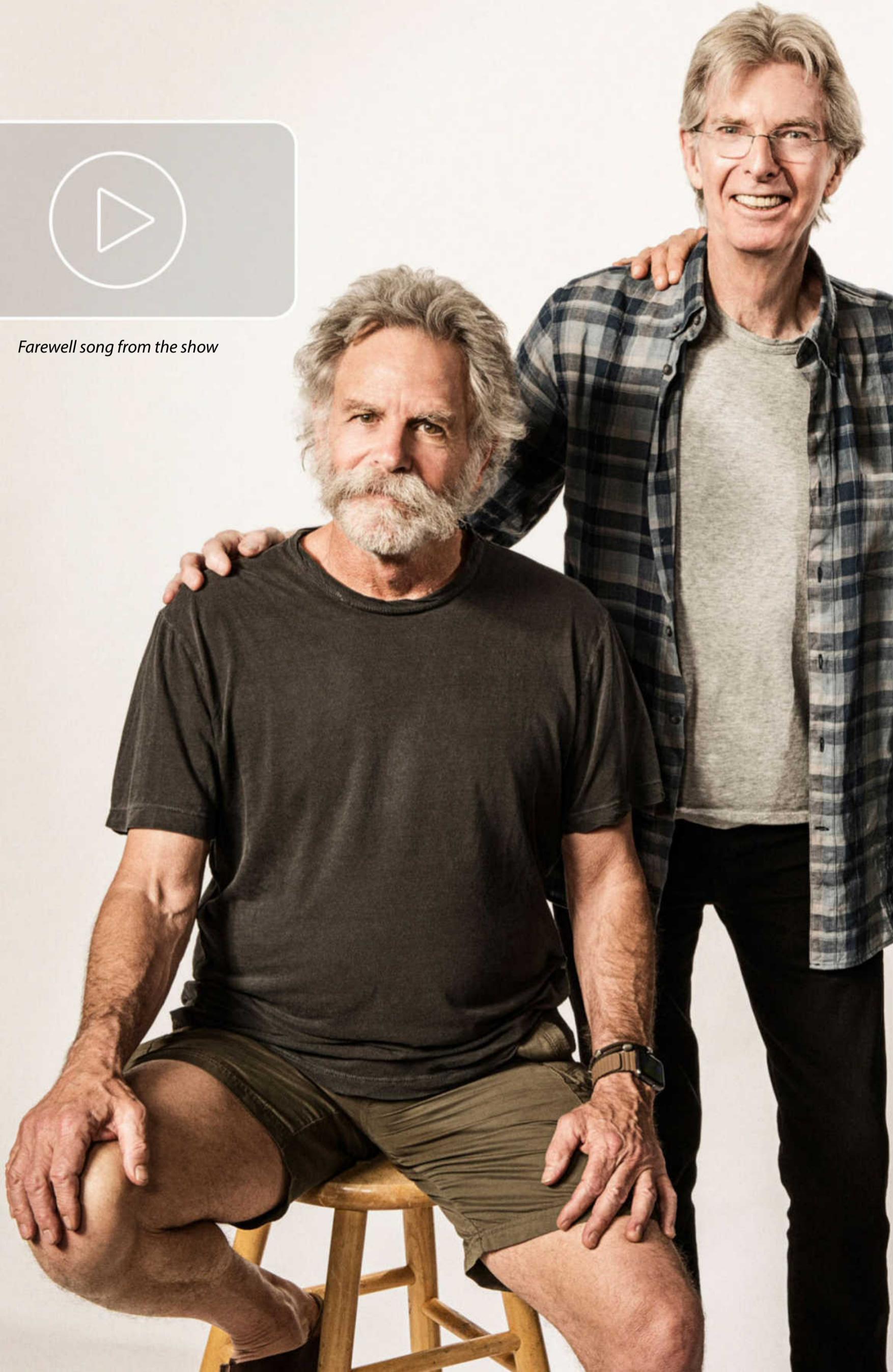


[Full show](#)





*Farewell song from the show*









# 'HUNGER GAMES' BEATS 'GOOD DINOSAUR,' 'CREED' AT BOX OFFICE

Despite some mighty competition, Katniss and her crew dominated the box office once again.

"The Hunger Games: Mockingjay - Part 2" held on to its first-place spot in its second weekend in theaters, earning \$51.6 million to top "The Good Dinosaur" and "Creed," which both debuted Wednesday, according to Rentrak estimates on Sunday.

The fourth and final installment in Lionsgate's highly successful series has grossed \$198.3 million to date.

Audiences had their pick of genres over the crowded Thanksgiving weekend. Disney and Pixar's animated dinosaur movie took second place, bringing in \$39.2 million Friday through Sunday, while "Creed," a new entry into the Rocky Balboa canon, came in third with \$30.1 million.

Families accounted for 79 percent of "The Good Dinosaur's" audience. The film, which cost a reported \$175 million to \$200 million to produce, grossed \$55.6 million in its first five days in theaters.

"This Pixar group has just been so consistent with high-quality storytelling that appeals to all audiences. This weekend's result is another testament to the way they do things," said Dave Hollis, executive vice president of distribution for Disney. "We are off and running in a great way and also set up for a very, very long run."

"Creed," meanwhile, came out swinging. The critically acclaimed Ryan Coogler-directed film focuses on the character of Apollo Creed's son, Adonis (Michael B. Jordan) who wants his own shot in the ring with the help of Rocky Balboa (Sylvester Stallone). The film cost \$35 million to make and has earned \$42.6 million over five days.

Its audience has been largely male and over age 25, according to exit polls.

"This is a movie that played broadly everywhere. You expect it to do well in the big markets and even the medium-size markets, but the small markets were just fantastic," said Jeffrey Goldstein, executive vice president of domestic distribution for Warner Bros. "The boxing element really resonates."

Paul Dergarabedian, senior media analyst for Rentrak, said the indie sensibilities, critical response and stellar cast has made "Creed" the movie to see right now.

"This is a movie that's going to go the distance," Dergarabedian said.









James Bond film "Spectre," with \$12.8 million, and "The Peanuts Movie," with \$9.7 million, rounded out the top five.

"Victor Frankenstein" was not so lucky. The \$40 million revival of Mary Shelley's monster classic, starring James McAvoy and Daniel Radcliffe, proved lifeless in theaters, earning just \$2.35 million from Friday to Sunday.

Awards hopeful "The Danish Girl," starring Eddie Redmayne as the transgender artist Lili Elbe, also opened in four theaters with a solid \$185,000.

No records were broken this Thanksgiving weekend, but that's more of a sign of a crowded slate than the health of the box office, Dergarabedian said.

"Rankings are not as important this weekend as how these films can play for the long haul," he said. "I haven't seen this crowded of a marketplace in years. ... I don't know how anyone would have time to see everything."

Estimated ticket sales for Friday through Sunday at U.S. and Canadian theaters, according to Rentrak. Where available, the latest international numbers for Friday through Sunday are also included. Final domestic figures will be released Monday.

**1.** *"The Hunger Games: Mockingjay - Part 2,"* \$51.6 million (\$62 million international).

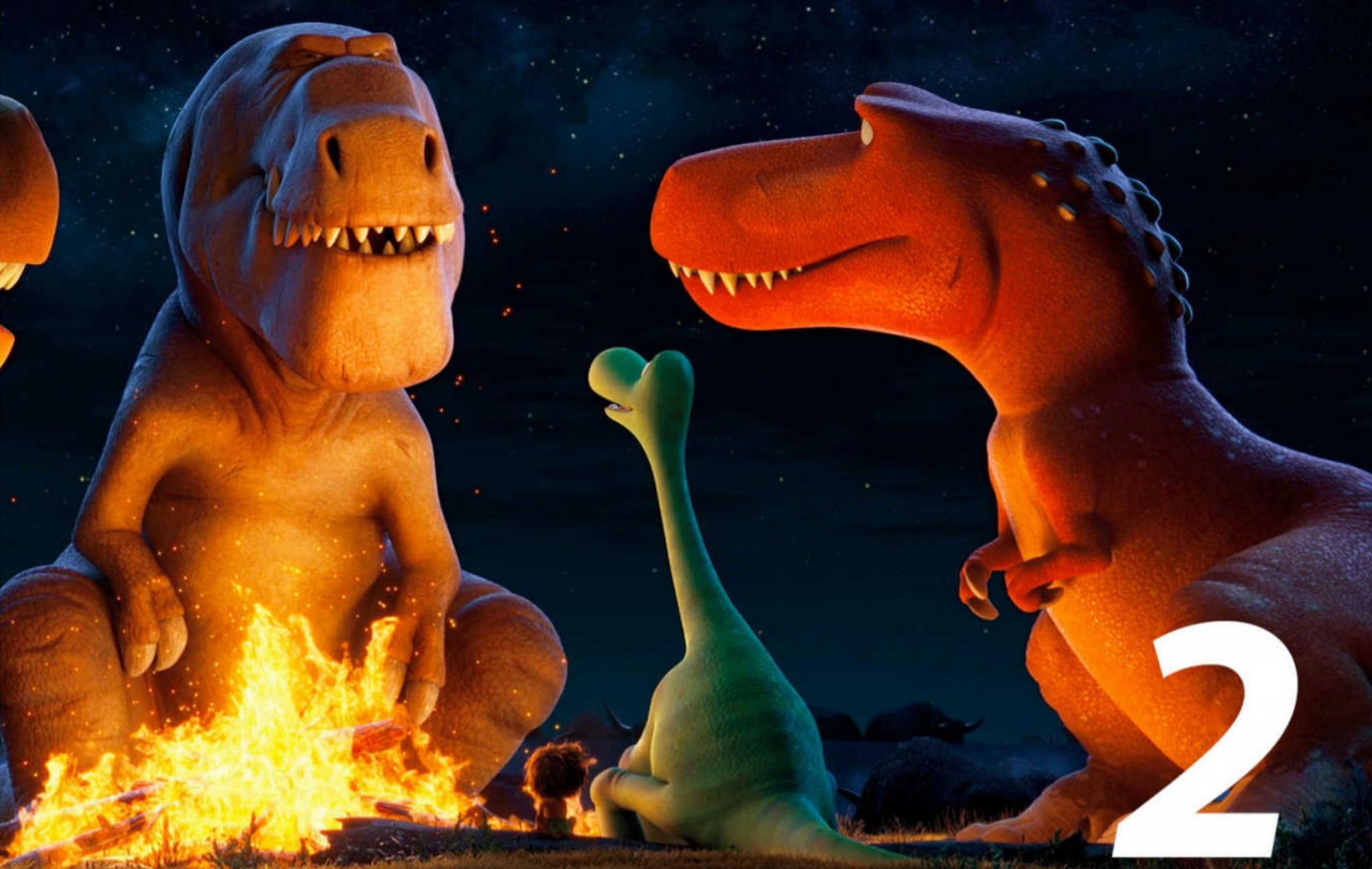
**2.** *"The Good Dinosaur,"* \$39.2 million (\$28.7 million international).

**3.** *"Creed,"* \$30.1 million (\$2.3 million international).

**4.** *"Spectre,"* \$12.8 million (\$30.4 million international).

**5.** *"The Peanuts Movie,"* \$9.7 million.





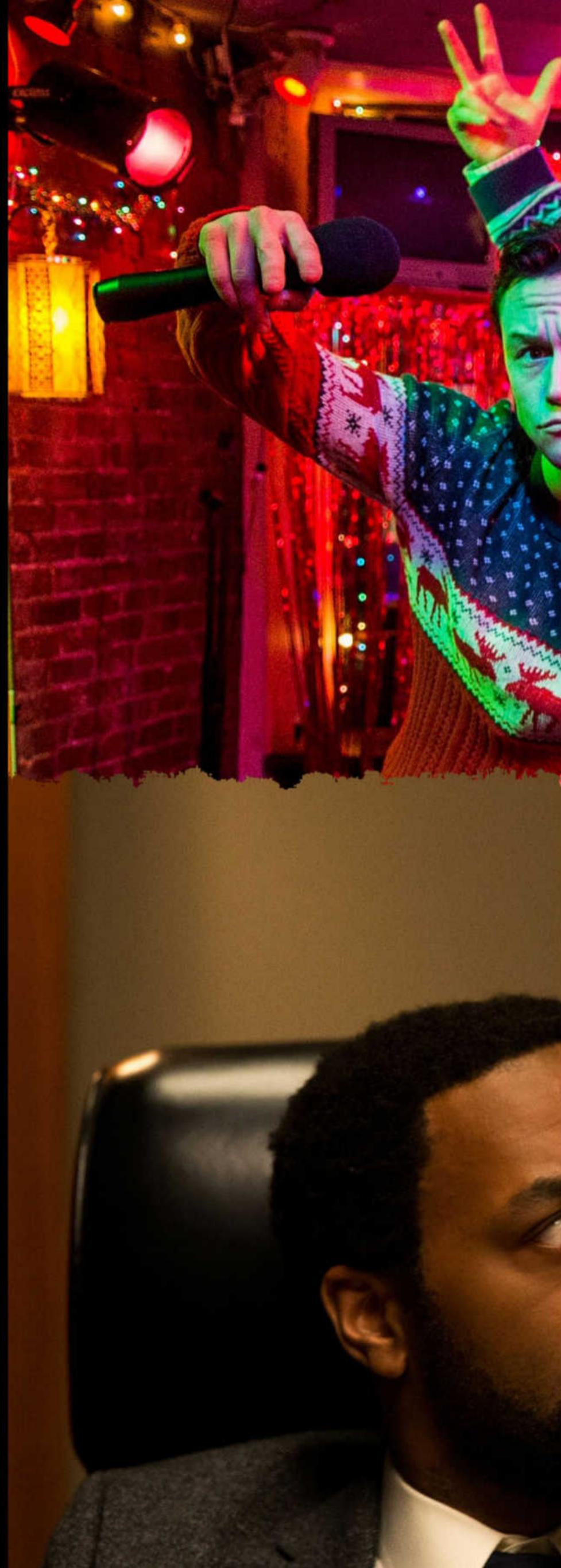
6. *"The Night Before,"* \$8.2 million.

7. *"The Secret In Their Eyes,"* \$4.5 million.

8. *"Spotlight,"* \$4.5 million.

9. *"Brooklyn,"* \$3.8 million.

10. *"The Martian,"* \$3.3 million  
(\$51.4 million international).





2

3





Estimated ticket sales for Friday through Sunday at international theaters (excluding the U.S. and Canada), according to Rentrak:

1. *"The Hunger Games: Mockingjay - Part 2,"* \$62 million.
2. *"The Martian,"* \$51.4 million.
3. *"Spectre,"* \$30.4 million.
4. *"The Good Dinosaur,"* \$28.7 million.
5. *"Our Times,"* \$13 million.

6



7





6. “*Victor Frankenstein*,” \$10 million.



7. “*Inside Men*,” \$9.7 million.

8. “*Bridge of Spies*,” \$7 million.

9. “*The Vanished Murderer*,” \$6 million.

10. “*Spanish Affair 2*,” \$5.7 million.

Universal and Focus are owned by NBC Universal, a unit of Comcast Corp.; Sony, Columbia, Sony Screen Gems and Sony Pictures Classics are units of Sony Corp.; Paramount is owned by Viacom Inc.; Disney, Pixar and Marvel are owned by The Walt Disney Co.; Miramax is owned by Filmyard Holdings LLC; 20th Century Fox and Fox Searchlight are owned by 21st Century Fox; Warner Bros. and New Line are units of Time Warner Inc.; MGM is owned by a group of former creditors including Highland Capital, Anchorage Advisors and Carl Icahn; Lionsgate is owned by Lions Gate Entertainment Corp.; IFC is owned by AMC Networks Inc.; Rogue is owned by Relativity Media LLC.



# TOP 10 SONGS

**HELLO**

ADELE

**SORRY**

JUSTIN BIEBER

**LOVE YOURSELF**

JUSTIN BIEBER

**HOTLINE BLING**

DRAKE

**EX'S & OH'S**

ELLE KING

**SAME OLD LOVE**

SELENA GOMEZ

**LIKE I'M GONNA LOSE YOU**

**(FEAT. JOHN LEGEND)**

MEGHAN TRAINOR

**STITCHES**

SHAWN MENDES

**WHAT DO YOU MEAN?**

JUSTIN BIEBER

**DIE A HAPPY MAN**

THOMAS RHETT





# TOP 10 ALBUMS

**25**

ADELE

**PURPOSE**

JUSTIN BIEBER

**PURPOSE (DELUXE)**

JUSTIN BIEBER

**1989**

TAYLOR SWIFT

**THAT'S CHRISTMAS TO ME**

PENTATONIX

**RELOADED: 20 #1 HITS**

BLAKE SHELTON

**A HEAD FULL OF DREAMS**

COLDPLAY

**STORYTELLER**

CARRIE UNDERWOOD

**REVIVAL (DELUXE)**

SELENA GOMEZ

**TRAVELLER**

CHRIS STAPLETON





# TOP 10 MUSICVIDEOS

**HELLO**

ADELE

**WATCH ME (WHIP/NAE NAE)**

SILENTÓ

**HOTLINE BLING**

DRAKE

**SORRY**

JUSTIN BIEBER

**WILDEST DREAMS**

TAYLOR SWIFT

**FOCUS**

ARIANA GRANDE

**SAME OLD LOVE**

SELENA GOMEZ

**MARVIN GAYE (FEAT. MEGHAN TRAINOR)**

CHARLIE PUTH

**MISTLETOE**

JUSTIN BIEBER

**THIS IS AMAZING GRACE**

BETHEL MUSIC KIDS





# TOP 10 TV SHOWS

**START TO FINISH**

*THE WALKING DEAD, SEASON 6*

**HEAVEN SENT**

*DOCTOR WHO, SEASON 9*

**HEADS UP**

*THE WALKING DEAD, SEASON 6*

**EPISODE 8**

*THE LAST KINGDOM*

**RITES OF PASSAGE**

*KEEPING UP WITH THE KARDASHIANS, SEASON 11*

**THE PRICE YOU PAY**

*KEEPING UP WITH THE KARDASHIANS, SEASON 11*

**DISCOVERY**

*THE GOOD WIFE, SEASON 7*

**CHAPTER TWENTY-THREE**

*JANE THE VIRGIN, SEASON 2*

**CHAPTER TWENTY-FOUR**

*JANE THE VIRGIN, SEASON 2*

**SINNED AGAINST**

*EMPIRE, SEASON 2*

A woman with a ruffled collar and a dark, patterned dress is holding a green parrot on her hand. The background is a dark, textured surface.

THE  
INITIATU



# TOP 10 BOOKS

**FINAL DEBT**

PEPPER WINTERS

**THE GUILTY**

DAVID BALDACCI

**CROSS JUSTICE**

JAMES PATTERSON

**ROGUE LAWYER**

JOHN GRISHAM

**THE CROSSING**

MICHAEL CONNELLY

**TRICKY TWENTY-TWO**

JANET EVANOVICH

**NIGHT MOVES**

NORA ROBERTS

**THE MINIATURIST**

JESSIE BURTON

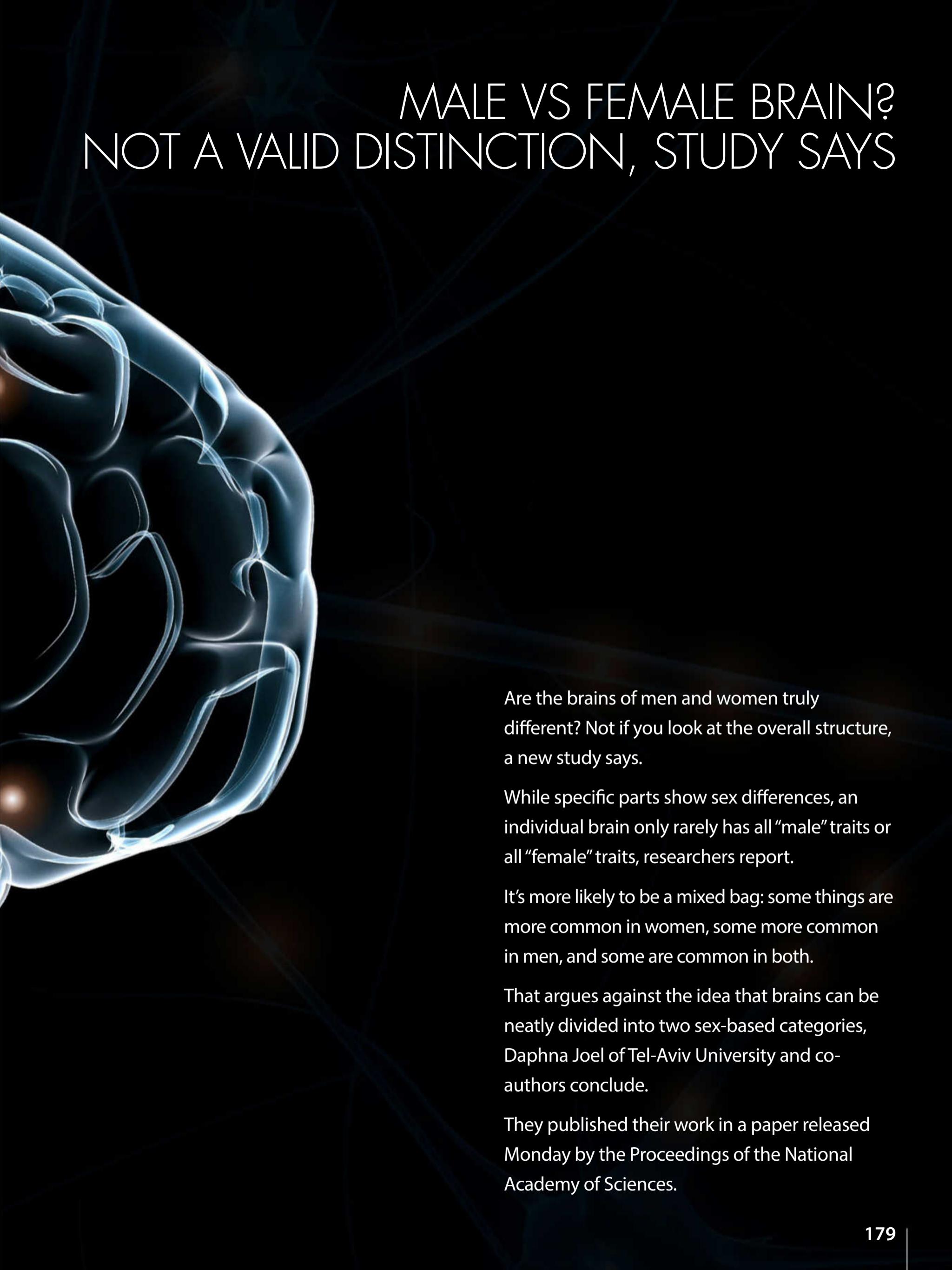
**THE JAPANESE LOVER**

ISABEL ALLENDE

**WHAT HAPPENS AFTER**

PORTIA MOORE





# MALE VS FEMALE BRAIN? NOT A VALID DISTINCTION, STUDY SAYS

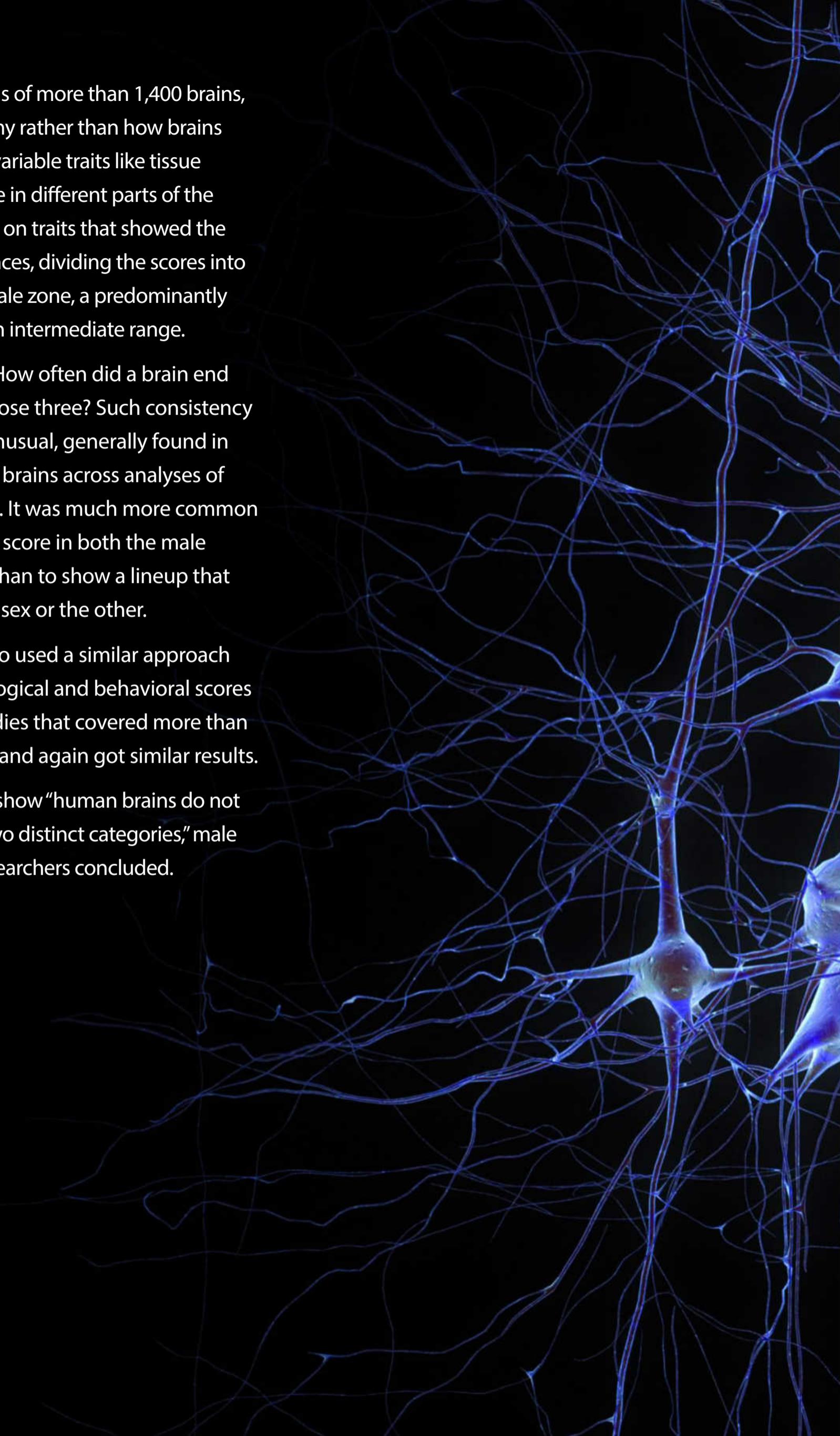
Are the brains of men and women truly different? Not if you look at the overall structure, a new study says.

While specific parts show sex differences, an individual brain only rarely has all "male" traits or all "female" traits, researchers report.

It's more likely to be a mixed bag: some things are more common in women, some more common in men, and some are common in both.

That argues against the idea that brains can be neatly divided into two sex-based categories, Daphna Joel of Tel-Aviv University and co-authors conclude.

They published their work in a paper released Monday by the *Proceedings of the National Academy of Sciences*.

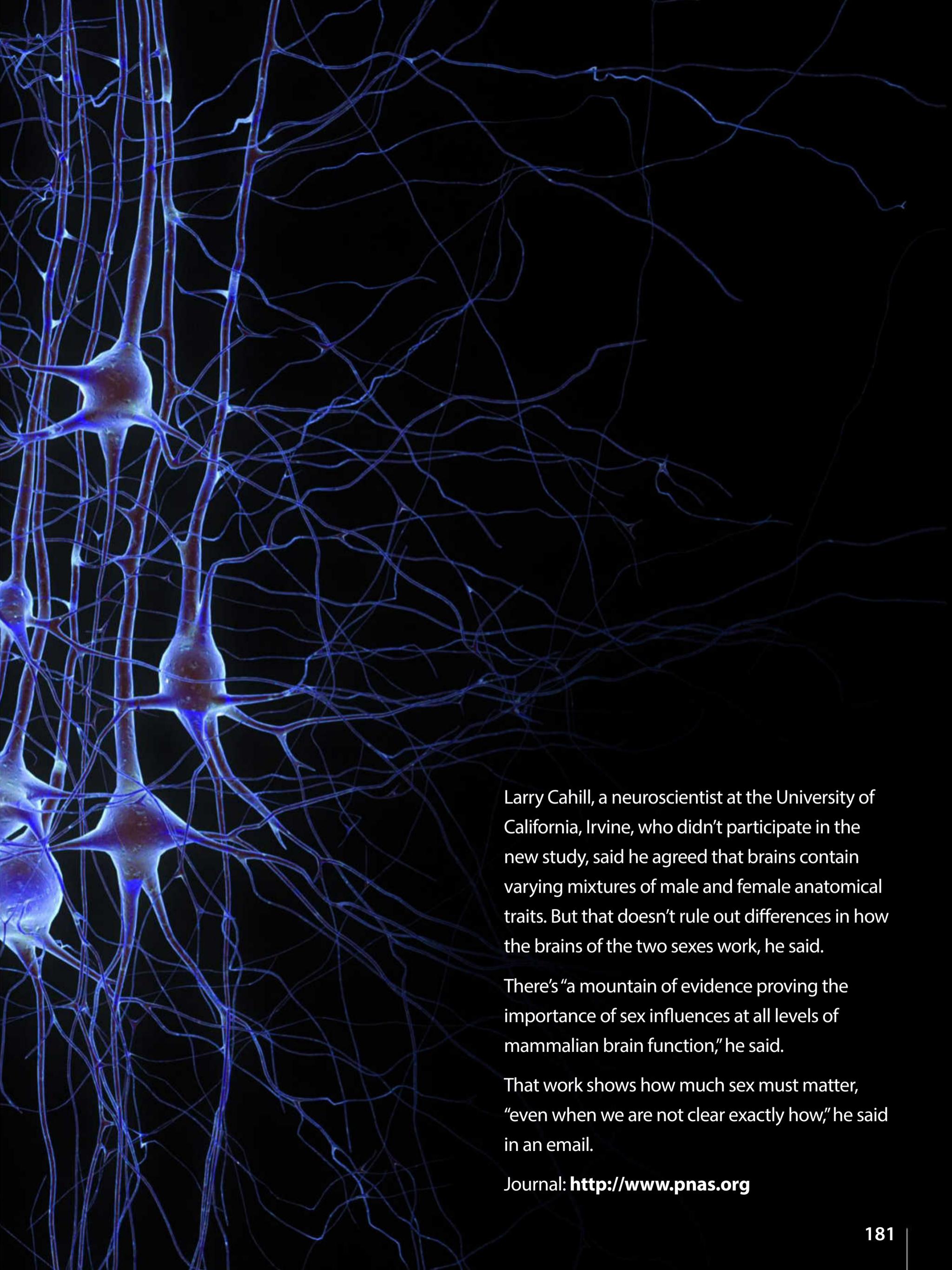


They used MRI scans of more than 1,400 brains, focusing on anatomy rather than how brains work. They scored variable traits like tissue thickness or volume in different parts of the brain. They focused on traits that showed the biggest sex differences, dividing the scores into a predominantly male zone, a predominantly female zone, and an intermediate range.

The key question: How often did a brain end up in just one of those three? Such consistency turned out to be unusual, generally found in 6 percent or less of brains across analyses of several sets of data. It was much more common for an individual to score in both the male and female zones than to show a lineup that indicated only one sex or the other.

The researchers also used a similar approach to analyze psychological and behavioral scores from two prior studies that covered more than 5,000 participants, and again got similar results.

Overall, the results show “human brains do not belong to one of two distinct categories,” male and female, the researchers concluded.



Larry Cahill, a neuroscientist at the University of California, Irvine, who didn't participate in the new study, said he agreed that brains contain varying mixtures of male and female anatomical traits. But that doesn't rule out differences in how the brains of the two sexes work, he said.

There's "a mountain of evidence proving the importance of sex influences at all levels of mammalian brain function," he said.

That work shows how much sex must matter, "even when we are not clear exactly how," he said in an email.

Journal: <http://www.pnas.org>

# SAMSUNG REPLACES MOBILE CHIEF AS SMARTPHONE LEAD DWINDLES





The Samsung conglomerate appointed a new mobile president at its flagship Samsung Electronics for the first time in six years after growth stalled at the world's largest smartphone maker.

Samsung said Tuesday that Koh Dongjin was promoted to president. He will replace Shin Jong-kyun as the head of the mobile business at Samsung Electronics starting next year. The change was announced as part of annual management reshuffle at South Korea's top conglomerate.

Samsung Electronics' smartphone sales lead has been dwindling in the face of competition from Apple Inc. in the premium market and Chinese companies in cheaper devices. The management change comes as Lee Jae-yong, the only son of ailing Samsung chairman Lee Kun-hee, takes a bigger role in Samsung after his father suffered a heart attack in May last year.

Shin will step away from day-to-day operations and focus on long-term strategies. He keeps his title of CEO of the IT and mobile division that encompasses phone, network and computer businesses.





Koh, an engineer, was an executive vice president who led mobile research and development for the past year.

The 54-year-old has followed the typical career path of those who reach senior executive levels in South Korea: he joined Samsung Electronics in 1984 and over three decades worked his way through its development, human resources, product planning and research departments.

Samsung said he led the development of two flagship smartphones released this year, the Galaxy S6 and Galaxy Note 5. He was also behind development of the Samsung Pay mobile payments system.

Shin became the head of mobile in 2010. Three years later, Samsung was the world largest smartphone supplier despite being a latecomer behind Apple.

But in the past year, Samsung's global smartphone market share has dwindled to less than one quarter and its quarterly mobile profit shrank to less than half of its best quarters.

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